

## Anti-IL-7Ra/CD127 Antibody (Lusvertikimab)

## Introduction



Lusvertikimab (OSE-127) is a humanized IL7R monoclonal antibody. Lusvertikimab is not internalized by target cells and prevents IL7R heterodimerization and subsequent downstream signaling. Lusvertikimab has anti-leukemic efficacy and has the potential to be used in the study of B-cell precursor acute lymphoblastic leukemia (BCP-ALL).

## Product parameters

Alternative Names Effi7-h, Effi3, OSE-703  Target Accession P16871  Target IL-7Ra / CD127  CAS number 2375835-91-7  Molecular Weight 145.64 kDa  Host PCHO APEXBIO  Reactivity Human  Conjugation Unconjugated  Form Liquid  Concentration See label  Buffer System 100 mM Pro 20 mM Arg pH 5.0. No preservative!  Clonality Monoclonal  Purification Protein A  Isotype IgG4  Application ELISA, FACS, Kinetics, Functional assay, Animal Model  Biological activity EC50=0.01266 ug/mL.  Endotoxin Less than 0.1 EU/ug determined by LAL method.  Sterilization 0.2 µM filtered  Reconstitution  Reconstitution For reconstitution, we recommend adding sterile, distilled water to achieve a final antibody concentration. Gently shake it to solubilize the protein completely. Do not vortex.  Shipping Dry ice  Expiration Date 2 years  Note Please avoid freeze-thaw cycles.		
Target IL-7Ra / CD127  CAS number 2375835-91-7  Molecular Weight 145.64 kDa  Host CHO APPEXBIO  Reactivity Human  Conjugation Unconjugated  Form Liquid  Concentration See label  Buffer System 100 mM Pro 20 mM Arg pH 5.0. No preservative!  Clonality Monoclonal  Purification Protein A  Isotype IgG4  Application ELISA, FACS, Kinetics, Functional assay, Animal Model  Biological activity Endotoxin Less than 0.1 EU/ug determined by LAL method.  Sterilization O.2   APPEXBIO  Reconstitution For reconstitution, we recommend adding sterile, distilled water to achieve a final antibody concentration. Gently shake it to solubilize the protein completely. Do not vortex.  Shipping Dry ice  Expiration Date 2 years	Alternative Names	Effi7-h, Effi3, OSE-703
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Reactivity Human  Conjugation Unconjugated  Form Liquid  Concentration See label  Buffer System 100 mM Pro 20 mM Arg pH 5.0. No preservative!  Clonality Monoclonal  Purification Protein A  Isotype IgG4  Application ELISA, FACS, Kinetics, Functional assay, Animal Model  Biological activity EC50=0.01266 ug/mL.  Endotoxin Less than 0.1 EU/ug determined by LAL method.  Sterilization 0.2 µM filtered  Reconstitution For reconstitution, we recommend adding sterile, distilled water to achieve a final antibody concentration. Gently shake it to solubilize the protein completely. Do not vortex.  Expiration Date 2 years	CAS number	2375835-91-7
Reactivity Human  Conjugation Unconjugated  Form Liquid  Concentration See label  Buffer System 100 mM Pro 20 mM Arg pH 5.0. No preservative!  Clonality Monoclonal  Purification Protein A  Isotype IgG4  Application ELISA, FACS, Kinetics, Functional assay, Animal Model  Biological activity Endotxin Less than 0.1 EU/ug determined by LAL method.  Sterilization 0.2 µM filtered  Reconstitution For reconstitution, we recommend adding sterile, distilled water to achieve a final antibody concentration. Gently shake it to solubilize the protein completely. Do not vortex.  Expiration Date 2 years	Molecular Weight	145.64 kDa
Conjugation Unconjugated  Form Liquid  Concentration See label  Buffer System 100 mM Pro 20 mM Arg pH 5.0. No preservative!  Clonality Monoclonal  Purification Protein A  Isotype IgG4  Application ELISA, FACS, Kinetics, Functional assay, Animal Model  Biological activity Endotoxin Less than 0.1 EU/ug determined by LAL method.  Sterilization 0.2 µM filtered  Reconstitution For reconstitution, we recommend adding sterile, distilled water to achieve a final antibody concentration. Gently shake it to solubilize the protein completely. Do not vortex.  Expiration Date 2 years	Host	CHO O
Form Liquid  Concentration See label  Buffer System 100 mM Pro 20 mM Arg pH 5.0. No preservative!  Clonality Monoclonal  Purification Protein A  Isotype IgG4  Application ELISA, FACS, Kinetics, Functional assay, Animal Model  Immobilized human IL 7Ra / CD127 His at 2 ug/mL can bind Anti-IL-7Ra/CD127 Antibody (Lusvertikimab), EC50=0.01266 ug/mL.  Endotoxin Less than 0.1 EU/ug determined by LAL method.  Sterilization 0.2 µM filtered  Reconstitution For reconstitution, we recommend adding sterile, distilled water to achieve a final antibody concentration. Gently shake it to solubilize the protein completely. Do not vortex.  Shipping Dry ice  Storage -80°C  Expiration Date 2 years	Reactivity	Human Achieve Perfection, Explore the Unknown
Concentration  See label  Buffer System 100 mM Pro 20 mM Arg pH 5.0. No preservative!  Clonality Monoclonal  Purification Protein A  Isotype IgG4  Application ELISA, FACS, Kinetics, Functional assay, Animal Model  Immobilized human IL 7Ra / CD127 His at 2 ug/mL can bind Anti-IL-7Ra/CD127 Antibody (Lusvertikimab), EC50=0.01266 ug/mL.  Endotoxin Less than 0.1 EU/ug determined by LAL method.  Sterilization 0.2 µM filtered  For reconstitution, we recommend adding sterile, distilled water to achieve a final antibody concentration. Gently shake it to solubilize the protein completely. Do not vortex.  Shipping Dry ice  Storage -80°C  Expiration Date 2 years	Conjugation	Unconjugated
Buffer System 100 mM Pro 20 mM Arg pH 5.0. No preservative!  Clonality Monoclonal  Purification Protein A  Isotype IgG4  Application ELISA, FACS, Kinetics, Functional assay, Animal Model  Biological activity EC50=0.01266 ug/mL.  Endotoxin Less than 0.1 EU/ug determined by LAL method.  Sterilization 0.2 µM filtered  Reconstitution Gently shake it to solubilize the protein completely. Do not vortex.  Shipping Dry ice  Storage -80°C  Expiration Date 2 years	Form	Liquid
Clonality Monoclonal Purification Protein A  Isotype IgG4  Application ELISA, FACS, Kinetics, Functional assay, Animal Model  Biological activity Ec50=0.01266 ug/mL.  Endotoxin Less than 0.1 EU/ug determined by LAL method.  Sterilization 0.2 µM filtered  Reconstitution Gently shake it to solubilize the protein completely. Do not vortex.  Shipping Dry ice  Storage -80°C  Expiration Date 2 years	Concentration	See label
Purification Protein A  Isotype IgG4  Application ELISA, FACS, Kinetics, Functional assay, Animal Model  Biological activity Endotoxin Less than 0.1 EU/ug determined by LAL method.  Sterilization O.2   Reconstitution For reconstitution, we recommend adding sterile, distilled water to achieve a final antibody concentration. Gently shake it to solubilize the protein completely. Do not vortex.  Shipping Dry ice  Storage -80°C  Expiration Date 2 years	Buffer System	100 mM Pro 20 mM Arg pH 5.0. No preservative!
Isotype IgG4  Application ELISA, FACS, Kinetics, Functional assay, Animal Model  Biological activity Immobilized human IL 7Ra / CD127 His at 2 ug/mL can bind Anti-IL-7Ra/CD127 Antibody (Lusvertikimab), EC50=0.01266 ug/mL.  Endotoxin Less than 0.1 EU/ug determined by LAL method.  Sterilization 0.2 μM filtered  Reconstitution For reconstitution, we recommend adding sterile, distilled water to achieve a final antibody concentration. Gently shake it to solubilize the protein completely. Do not vortex.  Shipping Dry ice  Storage -80°C  Expiration Date 2 years	Clonality	Monoclonal
Application ELISA, FACS, Kinetics, Functional assay, Animal Model  Biological activity EC50=0.01266 ug/mL.  Endotoxin Less than 0.1 EU/ug determined by LAL method.  Sterilization 0.2 µM filtered  Reconstitution Gently shake it to solubilize the protein completely. Do not vortex.  Shipping Dry ice  Storage -80°C  Expiration Date 2 years	Purification	Protein A
Biological activity  Immobilized human IL 7Ra / CD127 His at 2 ug/mL can bind Anti-IL-7Ra/CD127 Antibody (Lusvertikimab), EC50=0.01266 ug/mL.  Endotoxin  Less than 0.1 EU/ug determined by LAL method.  Sterilization  O.2 μM filtered  For reconstitution, we recommend adding sterile, distilled water to achieve a final antibody concentration. Gently shake it to solubilize the protein completely. Do not vortex.  Shipping  Dry ice  Storage  -80 °C  Expiration Date  2 years	Isotype	IgG4
Endotoxin  Less than 0.1 EU/ug determined by LAL method.  Sterilization  O.2 μM filtered  For reconstitution, we recommend adding sterile, distilled water to achieve a final antibody concentration.  Gently shake it to solubilize the protein completely. Do not vortex.  Shipping  Dry ice  Storage  -80 °C  Expiration Date  2 years	Application	ELISA, FACS, Kinetics, Functional assay, Animal Model
Sterilization 0.2 μM filtered  Reconstitution  Gently shake it to solubilize the protein completely. Do not vortex.  Shipping  Dry ice  Storage  -80 °C  Expiration Date  2 years	Biological activity	
Reconstitution For reconstitution, we recommend adding sterile, distilled water to achieve a final antibody concentration. Gently shake it to solubilize the protein completely. Do not vortex.  Shipping Dry ice Storage -80°C  Expiration Date 2 years	Endotoxin	Less than 0.1 EU/ug determined by LAL method.
Reconstitution  Gently shake it to solubilize the protein completely. Do not vortex.  Shipping  Dry ice  Storage  -80℃  Expiration Date  2 years	Sterilization	0.2 μM filtered
Storage -80℃ Expiration Date 2 years	Reconstitution	
Expiration Date 2 years	Shipping	Dry ice
	Storage	-80℃
Note Please avoid freeze-thaw cycles.	Expiration Date	2 years
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## Note

1. This product is for scientific research use only.







