

## Anti-TGF- $\beta$ Receptor Antibody (Sotatercept)

### Introduction

Sotatercept (ACE-011) is a soluble activin receptor 2A (ACVR2A) type IgG Fc fusion protein. By binding to activins and growth differentiation factors, Sotatercept aims to restore the balance between growth-promoting and growth-inhibitory signaling pathways. This property makes Sotatercept potentially useful in a variety of medical areas, including pulmonary hypertension, anemia, bone loss, erythropoiesis, and osteolytic lesions in multiple myeloma (MM).

### Product parameters

Alternative Names	ACE-011, MK-7962
Target Accession	-
Target	TGF- $\beta$ Receptor
CAS number	1001080-50-7
Molecular Weight	-
Host	CHO
Reactivity	Human
Conjugation	Unconjugated
Form	Liquid
Concentration	1 mg/mL
Buffer System	100 mM Pro 20 mM Arg pH 5.0.
Clonality	Monoclonal
Purification	Protein A
Isotype	IgG
Application	ELISA, FACS, Kinetics, Functional assay, Animal Model
Biological activity	-
Endotoxin	Less than 0.1 EU/ug determined by LAL method.
Sterilization	0.2 $\mu$ M 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
Note	Please avoid freeze-thaw cycles.

## ■ Note

1. This product is for scientific research use only.



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