

Recombinant Human TNF Ligand-related Molecule 1/TNFSF15

Information

Gene ID	9966
Accession #	O95150
Alternate Names	
Source	Escherichia coli.
M.Wt	Approximately 20.5 kDa, a single non-glycosylated polypeptide chain containing 180 amino acids.
AA Sequence	LKGQEFAPSH QQVYAPLRAD GDKPRAHLTV VRQTPTQHFK NQFPALHWEH ELGLAFTKNR MNYTNKFLLI PESGDYFIYS QVTFRGMTSE CSEIRQAGRP NKPDSITVVI TKVTDSYPEP TQLLMGTGSV CEVGSNWFQP IYLGAMFSLQ EGDKLMVNVS DISLVDYTKE DKTFFGAFL
Appearance	Sterile Filtered White lyophilized (freeze-dried) powder.
Stability & Storage	Use a manual defrost freezer and avoid repeated freeze-thaw cycles - 12 months from date of receipt, -20 to -70 °C as supplied - 1 month, 2 to 8 °C under sterile conditions after reconstitution - 3 months, -20 to -70 °C under sterile conditions after reconstitution
Formulation	Lyophilized from a 0.2 µm filtered concentrated solution in PBS, pH 7.4, with 0.02% Tween-20.
Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Reconstitute in sterile distilled water or aqueous buffer containing 0.1 % BSA to a concentration of 0.1-1.0 mg/ml. Stock solutions should be apportioned into working aliquots and stored at ≤ -20 °C. Further dilutions should be made in appropriate buffered solutions.
Biological Activity	Fully biologically active when compared to standard. The ED as determined by its ability to induce apoptosis using human TF-1 cells is less than 20 ng/ml, corresponding to a specific activity of > 5.0 × 10 IU/mg.
Shipping Condition	Gel pack.
Handling	Centrifuge the vial prior to opening.
Usage	For Research Use Only! Not to be used in humans.

Components and Storage

Components	5µg	100µg	500µg
Recombinant Human TNF Ligand-related Molecule 1/TNFSF15	5µg	100µg	500µg

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- 12 months from date of receipt, -20 to -70 °C as supplied
- 1 month, 2 to 8 °C under sterile conditions after reconstitution
- 3 months, -20 to -70 °C under sterile conditions after reconstitution

Quality Control

Purity	> 97 % by SDS-PAGE and HPLC analyses.
Endotoxin	Less than 0.1 EU/μg of rHuTL-1A/TNFSF15 as determined by LAL method.

Description

Reference

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