

Active Recombinant Mouse TNFSF15 Trimer protein, His-tagged


Cat. No. TNFSF15-0742M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Active Recombinant Mouse TNFSF15 protein(Q5UBV8) (Ile76-Leu252) was expressed in HEK293, with a polyhistidine tag at the N-terminus. This construct has a trimer design.
Species	Mouse
Source	HEK293
ProteinLength	76-252 aa
Form	Lyophilized from sterile PBS, 5% Trehalose, pH 7.4.
Bio-activity	1.Immobilized Recombinant Human DCR3 / TNFRSF6B Protein (Fc Tag) at 2 µg/mL (100 µl/well) can bind Recombinant Mouse TL1A/TNFSF15 Protein (His Tag), the EC50 is 8-24 ng/mL. 2.Loaded Recombinant Human DcR3/TNFRSF6B Protein, hFc Tag on proA Biosensor, can bind Recombinant Mouse TL1A/TNFSF15 Protein, Trimer, His Tag with an affinity constant of 0.976 nM as determined in BLI assay (Sartorius Octet RED384).
Molecular Mass	The recombinant Mouse TNFSF15 has a calculated molecular mass of 62.01 kDa. As a result of glycosylation, the recombinant protein migrates as an approximately 72.4 kDa protein in SDS-PAGE under reducing conditions.The molecular weight of this protein is around 73.1 kDa verified by SEC-MALS.

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Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method
Purity	≥ 95 % as determined by SDS-PAGE. ≥ 90% as determined by SEC-MALS.
Storage	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C. Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name	Tnfsf15 tumor necrosis factor (ligand) superfamily, member 15 [<i>Mus musculus</i>]
Official Symbol	TNFSF15
Synonyms	TNFSF15; tumor necrosis factor (ligand) superfamily, member 15; tumor necrosis factor ligand superfamily member 15; TNF ligand-related molecule 1; vascular endothelial growth inhibitor; vascular endothelial cell growth inhibitor; bM20K13.3 (tumor necrosis factor (ligand) superfamily, member 15); TI1; TI1a; Vegi;
Gene ID	326623
mRNA Refseq	NM_177371
Protein Refseq	NP_796345

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