

Active Recombinant Mouse Tnfsf4 Protein, His-tagged

Cat. No. Tnfsf4-01M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant mouse OX40 Ligand (51-198aa), fused to His-tag at C-terminus, was expressed in insect cell and purified by using conventional chromatography techniques.
Species	Mouse
Source	Insect Cells
ProteinLength	51-198aa
Description	Cytokine that binds to TNFRSF4. Co-stimulates T-cell proliferation and cytokine production.
Form	Liquid
Bio-activity	Measured by its binding ability in a functional ELISA with Human TNFRSF4.
Molecular Mass	17.7kDa (157aa)
AA Sequence	SSSPAKDPPIQRLRGAVTRCEDGQLFISSYKNEYQTMENVQNNVSVIKCDGLYIIYLKG SFFQEVKIDLHFRDHNPI SIPMLNDGRRIVFTVVASLAFKDKVYLTVNAPDTLCEHLQ INDGELIVVQLTPGYCAPEGSYHSTVNQVPL
Endotoxin	< 1 EU/μg of protein (determined by LAL method)

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Purity	> 90% by SDS-PAGE
Applications	SDS-PAGE, Bioactivity
Storage	Can be stored at +2 to +8 centigrade for 1 week. For long term storage, aliquot and store at -20 to -80 centigrade. Avoid repeated freezing and thawing cycles.
Concentration	1 mg/mL (determined by Bradford assay)
Storage Buffer	Phosphate-Buffered Saline (pH 7.4) containing 10% glycerol.

GENE INFORMATION

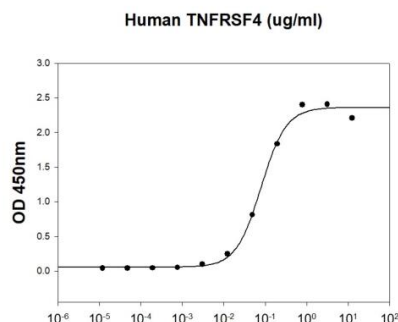
Gene Name	Tnfsf4 tumor necrosis factor (ligand) superfamily, member 4 [Mus musculus (house mouse)]
Official Symbol	Tnfsf4
Synonyms	Tnfsf4; tumor necrosis factor (ligand) superfamily, member 4; Ath; OX4; gp3; Ath-; Ath1; Txgp; gp34; Ath-1; CD134; Ox40l; TXGP1; CD134L; OX-40L; Tnlg2b; Txgp1l; tumor necrosis factor ligand superfamily member 4; OX40 ligand; atherosclerosis 1; tax-transcriptionally activated glycoprotein 1 ligand; tumor necrosis factor ligand 2b
Gene ID	22164
mRNA Refseq	NM_009452
Protein Refseq	NP_033478
UniProt ID	P43488

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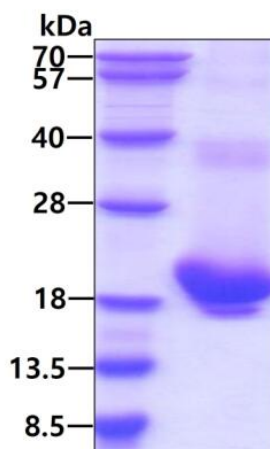
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Biological Activity



Mouse TNFSF4 is coated at 1 µg/mL (100 µL/well) can bind Human TNFRSF4 in a Functional ELISA assay.

SDS-PAGE



3µg by SDS-PAGE under non reducing condition and visualized by coomassie blue stain

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