

Recombinant Mouse Tnfrsf4 protein, Fc-tagged

Cat. No. Tnfrsf4-7400M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Tnfrsf4 protein (Val20-Pro211) was fused to human IgG1 Fc tag at C-terminus and expressed in human 293 cells (HEK293).
Species	Mouse
Source	HEK293
ProteinLength	Val20-Pro211
Description	Tumor necrosis factor receptor superfamily member 4 (TNFRSF4) is also known as ACT35 antigen, OX40L receptor, TAX transcriptionally-activated glycoprotein 1 receptor, CD antigen CD134, OX40. OX40/TNFRSF4 contains four TNFR-Cys repeats. TNFRSF4 is receptor for TNFSF4/OX40L/GP34 and can interact with TRAF2, TRAF3 and TRAF5.
Predicted N Terminal	Val 20
Form	Lyophilized from 0.22 µm filtered solution in Tris with Glycine, Arginine and NaCl, pH7.5, 10% trehalose.
Molecular Mass	The protein has a calculated MW of 47.9 kDa. The protein migrates as 70 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.
Endotoxin	Less than 1.0 EU per µg by the LAL method.

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Purity	>90% as determined by SDS-PAGE.
Storage	<p>For long term storage, the product should be stored at lyophilized state at -20 centigrade or lower.</p> <p>Please avoid repeated freeze-thaw cycles.</p> <p>This product is stable after storage at:</p> <p>-20 to -70 centigrade for 12 months in lyophilized state;</p> <p>-70 centigrade for 3 months under sterile conditions after reconstitution.</p>
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

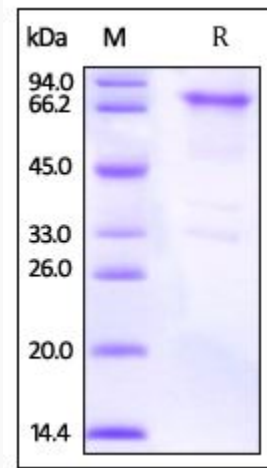
Gene Name	Tnfrsf4
Official Symbol	Tnfrsf4
Synonyms	Ox40; ACT35; CD134; Ly-70; Txgp1; TXGP1L
Gene ID	22163
mRNA Refseq	NM_011659.2
Protein Refseq	NP_035789.1
UniProt ID	P47741

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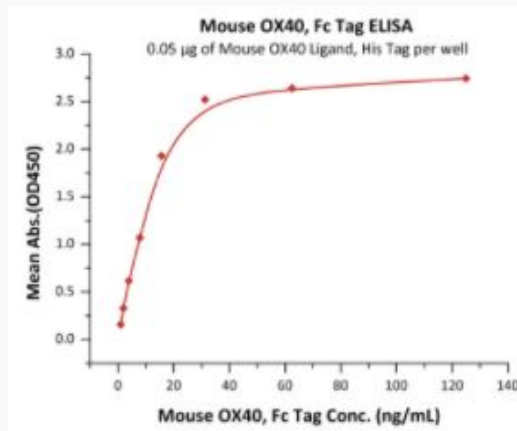
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**SDS-PAGE of
Tnfrsf4-7400M**



Mouse OX40, Fc Tag on SDS-PAGE under reducing (R) condition. The gel was stained overnight with Coomassie Blue. The purity of the protein is greater than 90%.

**Bioactivity-ELISA of
Tnfrsf4-7400M**



Immobilized Mouse OX40 Ligand, His Tag at 0.5 µg/mL (100 µL/well) can bind Mouse OX40, Fc Tag with a linear range of 10-16 ng/mL.

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