Recombinant Human TNFRSF4 protein, Fc-tagged

Cat. No. TNFRSF4-339H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human TNFRSF4 protein (Leu29-Ala216), fused to human IgG1 Fc tag at C-terminus, was expressed in human 293 cells (HEK293).
Species	Human
Source	HEK293
ProteinLength	188
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 interacts with TRAF2, TRAF3 and TRAF5.
Form	Lyophilized from 0.22 um filtered solution in Tris with Glycine, Arginine and NaCl, pH7.5, 10% trehalose.
Molecular Mass	The protein has a calculated MW of 46.8 kDa. The protein migrates as 60-65 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.
Endotoxin	Less than 1.0 EU per ug by the LAL method.
Purity	>90% as determined by SDS-PAGE.

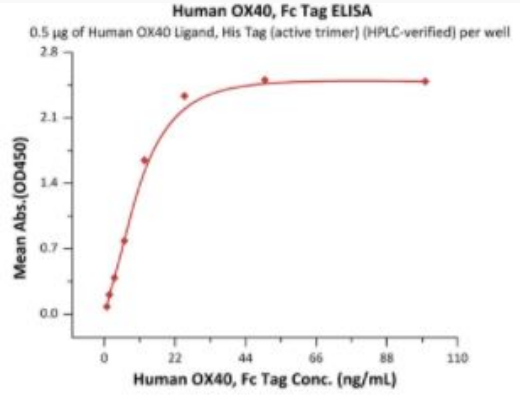
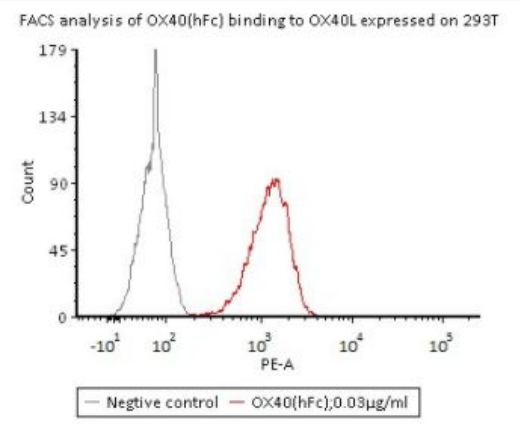
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Storage	For long term storage, the product should be stored at lyophilized state at -20 centigrade or lower. Please avoid repeated freeze-thaw cycles. This product is stable after storage at: -20 centigrade to -70 centigrade for 12 months in lyophilized state; -70 centigrade for 3 months under sterile conditions after reconstitution.
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℃ before opening to recover the entire contents.

GENE INFORMATION

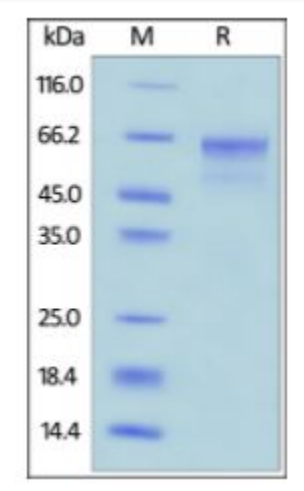
Gene Name	TNFRSF4
Official Symbol	TNFRSF4
Synonyms	TNFRSF4; tumor necrosis factor receptor superfamily, member 4; TXGP1L; tumor necrosis factor receptor superfamily member 4; ACT35; CD134; OX40; OX40 antigen; ACT35 antigen; ATC35 antigen; CD134 antigen; OX40 homologue; OX40L receptor; OX40 cell surface antigen; lymphoid activation antigene ACT35; TAX transcriptionally-activated glycoprotein 1 receptor; tax-transcriptionally activated glycoprotein 1 receptor
Gene ID	7293
mRNA Refseq	NM_003327
Protein Refseq	NP_003318
MIM	600315

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UniProt ID	P43489
Bioactivity-ELISA of TNFRSF4-339H	 Immobilized Human OX40 Ligand, His Tag (active trimer) (HPLC-verified) at 5 μg/mL (100 μL/well) can bind Human OX40, Fc Tag with a linear range of 2-25 ng/mL (QC tested).
Bioactivity-FACS of TNFRSF4-339H	 FACS assay shows that recombinant Human OX40, Fc Tag can bind to 293T cell overexpressing human OX40L. The concentration of OX40 used is 0.03 μg/ml (Routinely tested).

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SDS-PAGE of TNFRSF4-339H



Human 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%.

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