

Active Recombinant Human TNFSF4 protein, Fc-tagged

Cat. No. TNFSF4-0589H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human TNFSF4 protein(Gln51-Leu183), fused with Fc tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	51-183 a.a.
Form	Lyophilized from 0.22 µm filtered solution in 50 mM Tris, 100 mM Glycine, 25 mM Arginine, 150 mM NaCl, pH7.5. Normally trehalose is added as protectant before lyophilization.
Bio-activity	Immobilized Human OX40 Protein, His Tag (MALS verified) at 2 µg/mL (100 µL/well) can bind Human OX40 Ligand, Fc Tag with a linear range of 0.1-1 ng/mL. Immobilized Cynomolgus / Rhesus macaque OX40, His Tag at 2 µg/mL (100 µL/well) can bind Human OX40 Ligand, Fc Tag with a linear range of 0.2-3 ng/mL. Immobilized Biotinylated Human OX40, Avitag,His Tag at 1 µg/mL (100 µL/well) on streptavidin precoated (0.5 µg/well) plate can bind Human OX40 Ligand, Fc Tag with a linear range of 0.1-0.4 ng/mL.
Molecular Mass	Molecular Characterization This protein carries a human IgG1 Fc tag at the N-terminus. The protein has a calculated MW of 74.0 kDa. The protein migrates as 130-210 kDa under non-reducing (NR) condition (SDS-PAGE) due to glycosylation.

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Proteinlength	Gln51-Leu183
Endotoxin	Less than 1.0 EU per µg by the LAL method.
Purity	>90% as determined by SDS-PAGE.>90% as determined by SEC-MALS.
Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. 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	TNFSF4 tumor necrosis factor (ligand) superfamily, member 4 [Homo sapiens]
Official Symbol	TNFSF4
Synonyms	TNFSF4; tumor necrosis factor (ligand) superfamily, member 4; tax transcriptionally activated glycoprotein 1, 34kD , TXGP1; tumor necrosis factor ligand superfamily member 4; CD252; gp34; OX 40L; OX40L; CD134 ligand; glycoprotein Gp34; OX40 antigen ligand; TAX transcriptionally-activated glycoprotein 1; tax-transcriptionally activated glycoprotein 1 (34kD); GP34; OX4OL; TXGP1; CD134L; OX-40L;
Gene ID	7292
mRNA Refseq	NM_003326
Protein Refseq	NP_003317
MIM	603594

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UniProt ID

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