

Active Recombinant Human TNFRSF4 protein, His-tagged

Cat. No. TNFRSF4-3247H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human TNFRSF4 protein(Leu 29 - Ala 216), fused with His tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	Leu 29 - Ala 216
Form	Lyophilized from 0.22 µm filtered solution in PBS, pH7.4 with trehalose as protectant.
Bio-activity	Immobilized Human OX40 Protein, His Tag at 2 µg/mL (100 µL/well) can bind Human OX40 Ligand, Fc Tag with a linear range of 0.1-3 ng/mL. Immobilized Human OX40 Protein, His Tag at 2 µg/mL (100 µL/well) can bind Monoclonal Anti-Human OX40 Antibody, Human IgG1 with a linear range of 0.1-2 ng/mL. Immobilized Human OX40 Protein, His Tag at 2 µg/mL, add increasing concentrations of CTLA-4 x OX40 bispecific antibody in 50% Human serum and then add Biotinylated Human CTLA-4, Fc,Avitag at 0.2 µg/mL. Detection was performed using HRP-conjugated streptavidin with sensitivity of 4 ng/mL (Intact assay, Routinely tested). Immobilized Human OX40 Protein, His Tag at 2 µg/mL, add increasing concentrations of CTLA-4 x OX40 bispecific antibody in 50% Human serum and then add Biotinylated Human CTLA-4, His, Avitag at 0.2 µg/mL. Detection was performed using HRP-conjugated streptavidin with sensitivity of 4 ng/mL (Intact assay).

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1/3

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Molecular Mass	This protein carries a polyhistidine tag at the C-terminus. The protein has a calculated MW of 22.0 kDa. The protein migrates as 35-45 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.
Endotoxin	Less than 1.0 EU per µg by the LAL method.
Purity	>90% as determined by SDS-PAGE.
Storage	For long term, the product should be stored at lyophilized state at -20°C or lower. Please avoid repeated freeze-thaw cycles. This product is stable after at: -20°C to -70°C for 12 months in lyophilized state; -70°C 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°C before opening to recover the entire contents.
GENE INFORMATION	
Gene Name	TNFRSF4 tumor necrosis factor receptor superfamily, member 4 [Homo sapiens]
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 antigen 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
UniProt ID	P43489

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3/3

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