

Datasheet for ABIN7318854 **TNFSF4 Protein (His tag)**



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Overview

Quantity: 50 µg

Target: TNFSF4

Origin: Human

Source: Human Cells

Protein Type: Recombinant

Biological Activity: Active

Purification tag / Conjugate: This TNFSF4 protein is labelled with His tag.

Product Details

Purpose: Recombinant Human TNFSF4/OX40L Protein (His Tag)(Active)

Sequence: Gln51-Leu183

Characteristics: Recombinant Human OX40 Ligand is produced by our Mammalian expression system and the target gene encoding Gln51-Leu183 is expressed with a 6His tag at the N-terminus.

Purity: > 95 % as determined by reducing SDS-PAGE.

Endotoxin Level: < 1.0 EU per µg as determined by the LAL method.

Biological Activity Comment: Immobilized Human OX40-Fc(Cat: PKSH032844) at 2µg/ml(100 µl/well) can bind Biotinylated Human OX40L-His. The ED50 of Human OX40L-His is 4.7 µg/ml .

Target Details

Target: TNFSF4

Target Details

Alternative Name:	TNFSF4/OX40L (TNFSF4 Products)
Background:	<p>Background: Tumor necrosis factor ligand superfamily member 4(TNFSF4/OX40L) is a single-pass type II membrane protein.OX40L is expressed on the surface of activated B cells, T cells, dendritic cells and endothelial cells. OX40L binds to OX40 (CD134), a member of the TNF receptor superfamily that is expressed predominantly on activated CD4+ T cells. OX40-OX40L co-stimulates signal to promote the survival and proliferation of activated CD4+ T cells and prolong the immune response. It involved in T-cell proliferation and cytokine production. Additional, it has been found association with systemic lupus erythematosus, no association with occurrence of atherosclerosis.</p> <p>Synonym: Tumor necrosis factor ligand superfamily member 4,Glycoprotein Gp34,OX40 ligand,OX40L,TAX transcriptionally-activated glycoprotein 1,TNFSF4,CD252,TXGP1,CD134L,CD252,GP34,OX-40,TXGP1</p>
Molecular Weight:	16.3 kDa
UniProt:	P23510
Pathways:	Cellular Response to Molecule of Bacterial Origin , Regulation of Leukocyte Mediated Immunity , Positive Regulation of Immune Effector Process , Production of Molecular Mediator of Immune Response , Activated T Cell Proliferation , Cancer Immune Checkpoints

Application Details

Restrictions:	For Research Use only
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Handling

Format:	Lyophilized
Reconstitution:	Please refer to the printed manual for detailed information.
Buffer:	Lyophilized from a 0.2 µm filtered solution of 20 mM PB,150 mM NaCl, pH 7.4.
Storage:	4 °C,-20 °C,-80 °C
Storage Comment:	Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.