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Datasheet for ABIN7319507 TNFSF4 Protein (mFc Tag)

Overview

Quantity:	50 µg
Target:	TNFSF4
Origin:	Human
Source:	Human Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This TNFSF4 protein is labelled with mFc Tag.

Product Details

Purpose:	Recombinant Human TNFSF4/OX40L Protein (mFc Tag)
Sequence:	Gln51-Leu183
Characteristics:	Recombinant Human OX40L is produced by our Mammalian expression system and the target gene encoding Gln51-Leu183 is expressed with a mFc tag at the C-terminus.
Purity:	> 95 % as determined by reducing SDS-PAGE.
Endotoxin Level:	< 1.0 EU per µg as determined by the LAL method.

Target Details

Target:	TNFSF4
Alternative Name:	TNFSF4/OX40L (TNFSF4 Products)
Background:	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

Target Details

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.

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

Molecular Weight: 42.2 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

Handling

Format: Lyophilized

Reconstitution: Please refer to the printed manual for detailed information.

Buffer: Lyophilized from a 0.2 µm filtered solution of PBS, 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.