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Datasheet for ABIN6253371 TNFSF4 Protein (AA 51-183) (His tag)

Overview

Quantity:	50 µg
Target:	TNFSF4
Protein Characteristics:	AA 51-183
Origin:	Human, Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This TNFSF4 protein is labelled with His tag.

Product Details

Purpose:	CD252 [OX40L] (human) (rec.) (His)
Specificity:	The extracellular domain of human CD252 (aa 51-183) is fused at the C-terminus to a His-tag.
Characteristics:	Protein. The extracellular domain of human CD252 (aa 51-183) is fused at the C-terminus to a His-tag. Source: HEK 293 cells. Endotoxin content: <0.01EU/µg purified protein (LAL test, Lonza). Lyophilized from 0.2µm-filtered solution in PBS. Purity: >95 % (SDS-PAGE). OX40L is a membrane-expressed cytokine that belongs to the TNF ligand family. It acts as costimulator through interaction with its ligand OX40 on T cells, stimulating T cell activation, proliferation and cytokine production. OX40L is expressed on antigen presenting cells including B cells, dendritic cells, mast cells and endothelium.
Purity:	>95 % (SDS-PAGE)
Endotoxin Level:	<0.01EU/µg purified protein (LAL test, Lonza).
Biological Activity Comment:	Measured by its binding ability in a functional ELISA.

Target Details

Target:	TNFSF4
Alternative Name:	CD252 [OX40L] (TNFSF4 Products)
Background:	Alternate Names/Synonyms: TNFSF4 Product Description: OX40L is a membrane-expressed cytokine that belongs to the TNF ligand family. It acts as costimulator through interaction with its ligand OX40 on T cells, stimulating T cell activation, proliferation and cytokine production. OX40L is expressed on antigen presenting cells including B cells, dendritic cells, mast cells and endothelium.
Molecular Weight:	~27kDa (SDS-PAGE)
NCBI Accession:	NP_003317
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
Concentration:	Lot specific
Buffer:	Lyophilized from 0.2µm-filtered solution in PBS.
Handling Advice:	Avoid freeze/thaw cycles. PBS containing at least 0.1 % BSA should be used for further dilutions.
Storage:	4 °C, -20 °C
Storage Comment:	Short Term Storage: +4°C Long Term Storage: -20°C Use & Stability: Stable for at least 1 year after receipt when stored at -20°C. Working aliquots are stable for up to 3 months when stored at -20°C.