

Datasheet for ABIN6253587

TNFSF4 Protein (AA 51-183) (Fc Tag)[Go to Product page](#)**2** Images

Overview

Quantity:	100 µg
Target:	TNFSF4
Protein Characteristics:	AA 51-183
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Biological Activity:	Active
Purification tag / Conjugate:	This TNFSF4 protein is labelled with Fc Tag.

Product Details

Sequence:	AA 51-183
Purity:	>95 % as determined by SDS-PAGE.
Endotoxin Level:	Less than 0.1 EU per µg by the LAL method.

Target Details

Target:	TNFSF4
Alternative Name:	OX40 Ligand (TNFSF4 Products)
Background:	Tumor necrosis factor ligand superfamily member 4 (TNFSF4) is also known as glycoprotein Gp34, OX40 ligand (OX40L), TAX transcriptionally-activated glycoprotein 1 and CD252, which belongs to the tumor necrosis factor family. TNFSF4 is the ligand for CD134 and is expressed on such cells as DC2s (a subtype of dendritic cells) enabling amplification of Th2 cell

Target Details

differentiation. The interaction of TNFSF4-TNFSF4 is involved in the pathogenesis of multiple autoimmune and inflammatory diseases such as systemic lupus erythematosus (SLE), carotid artery disease and cancer. Furthermore, similar to other TNF superfamily members, membrane-bound OX40 Ligand (TNFSF4) exists as a homotrimer. Human TNFSF4 shares 46 % amino acid sequence identity with its mouse counterpart.

Molecular Weight:	42.3 kDa
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

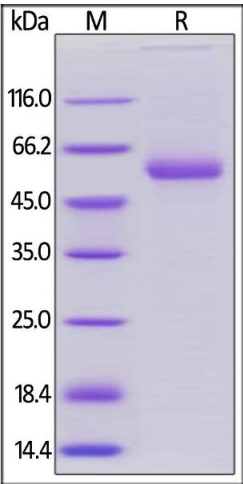
Application Details

Restrictions:	For Research Use only
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Handling

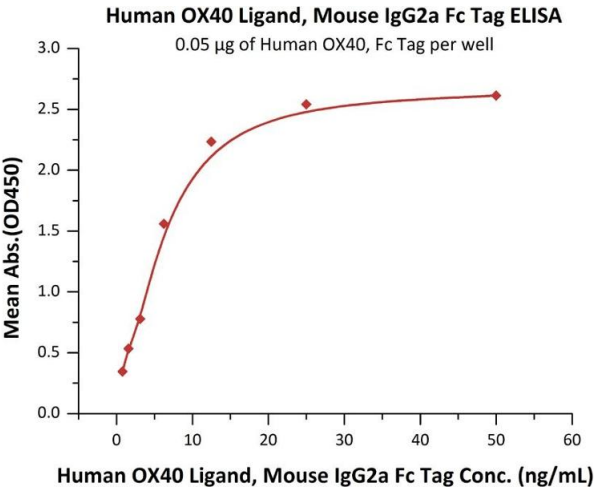
Format:	Lyophilized
Buffer:	PBS, pH 7.4
Handling Advice:	Please avoid repeated freeze-thaw cycles.
Storage:	-20 °C

Validation report #101202 for Western Blotting (WB)



SDS-PAGE

Image 1. Human OX40 Ligand, Mouse IgG2a Fc Tag, low endotoxin on under reducing (R) condition. The gel was stained overnight with Coomassie Blue. The purity of the protein is greater than 95 % .



ELISA

Image 2. Immobilized Human OX40, Fc Tag (ABIN2181574,ABIN2181573) at 0.5 µg/mL (100 µL/well) can bind Human OX40 Ligand, Mouse IgG2a Fc Tag, low endotoxin (ABIN5954955,ABIN6253587) with a linear range of 0.8-13 ng/mL (QC tested).