

OX40L/TNFSF4 Recombinant Protein | TNFSF4 recombinant protein

OX40L/TNFSF4 Protein, Human, Recombinant (ECD, mFc Tag)

CATALOG #
AAA257442

HOST
HEK293 Cells

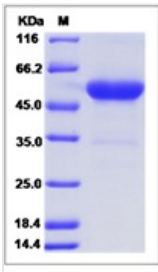
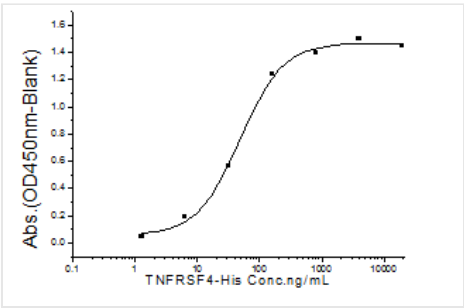
PRODUCT SYNONYMS

OX40L/TNFSF4; OX40L/TNFSF4 Protein; Human; Recombinant (ECD; mFc Tag); Human OX-40L/TNFSF4/CD252 Protein (Fc Tag); tumor necrosis factor (ligand) superfamily; member 4; CD134L Protein; CD252 Protein; GP34 Protein; OX-40L Protein; OX40L Protein; TXGP1 Protein; TNFSF4 recombinant protein

PRODUCT SPECIFICATIONS

Host	HEK293 Cells
Purity/Purification	>90 % as determined by SDS-PAGE.
Form/Format	Lyophilized from sterile PBS, pH7.4. Normally 5%-8% trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Sequence Positions	369aa
Sequence	Gln51-Leu183
Species	Human
Tag	mFc
Endotoxin	<1.0EU per ug protein as determined by the LAL method
Predicted N Terminal	Asp
Protein Construction	JA DNA sequence encoding the human TNFSF4 (NP_003317.1) (Gln51-Leu183) was expressed with the Fc region of mouse IgG1 at the N-terminus
Activity	Measured by its binding ability in a functional ELISA. Immobilized recombinant Human TNFRSF4-His (Cat:10481-H08H) at 10ug/ml (100ul/well) can bind human S4-mFc3-TNFSF4 (Cat:13127-H04H) with a linear range of 1.28-20ug/ml.
Preparation and Storage	Samples are stable for up to twelve months from date of receipt at -20 degree C to -80 degree C. Store it under sterile conditions at -20 degree C to -80 degree C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles. Shipping: They are shipped out with blue ice pack

IMAGES



Application Data

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Measured by its binding ability in a functional ELISA. Immobilized recombinant Human TNFRSF4-His (Cat:10481-H08H) at 10 ug/ml (100 ul/well) can bind human S4-mFc3-TNFSF4 (Cat:13127-H04H) with a linear range of 1.28-20 ug/ml.

ADDITIONAL INFORMATION

Related Product Information for TNFSF4 recombinant protein	OX-40L, also known as TNFSF4 and CD252, is a cytokine that belongs to the tumor necrosis factor (TNF) ligand family. OX-40L is an important costimulatory molecule that plays a crucial role in the regulation of T-cell-mediated immunity. 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. OX-40L is a ligand for receptor TNFRSF4/OX40. It is found to play a role in T cell antigen-presenting cell (APC) interactions. In surface Ig-and CD4-stimulated B cells, this cytokine along with CD7 has been shown to provide CD28-independent costimulatory signals to T cells. This protein and its receptor are reported to directly mediate adhesion of activated T cells to vascular endothelial cells.
Product Categories/Family for TNFSF4 recombinant protein	Cancer Drug Targets
References	Lei W. et al., 2012, Ann Acad Med Singapore. 41 (5): 200-4. Lee YH. et al., 2012, Hum Immunol. 73 (10): 1050-4. Weiguang Y. et al., 2012, PLoS One. 7 (8): e41277.

NCBI AND UNIPROT INFORMATION

NCBI GI #	4507603
NCBI GeneID	7292
NCBI Accession #	NP_003317.1
NCBI GenBank Nucleotide #	NM_003326.4
UniProt Accession #	P23510; Q5JZA5; Q8IV74; Q9HCN9
NCBI Official Full Name	tumor necrosis factor ligand superfamily member 4 isoform 1
NCBI Official Synonym Full Names	tumor necrosis factor superfamily member 4
NCBI Official Symbol	TNFSF4
NCBI Official Synonym Symbols	GP34; CD252; OX40L; TXGP1; CD134L; OX-40L; TNLG2B
NCBI Protein Information	tumor necrosis factor ligand superfamily member 4
UniProt Protein Name	Tumor necrosis factor ligand superfamily member 4
UniProt Gene Name	TNFSF4
UniProt Synonym Gene Names	TXGP1; OX40L
UniProt Entry Name	TNFL4_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/tnfsf4-recombinant-protein-hek293/257442>