

OX40L/TNFSF4 Recombinant Protein | TNFSF4 recombinant protein

OX40L/TNFSF4 Protein, Mouse, Recombinant (ECD, His Tag)

CATALOG #
AAA257492

HOST
HEK293 Cells

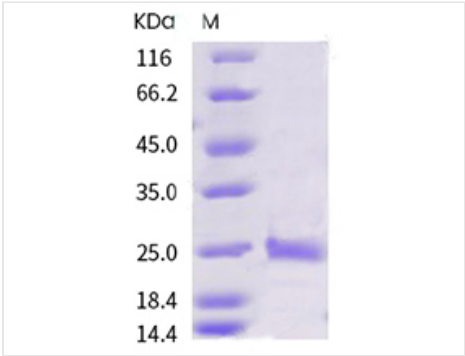
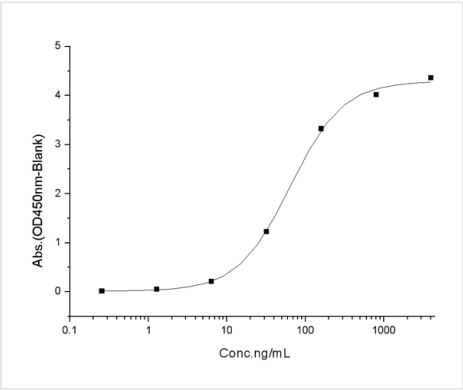
PRODUCT SYNONYMS

OX40L/TNFSF4; OX40L/TNFSF4 Protein; Mouse; Recombinant (ECD; His Tag); Mouse OX40L/TNFSF4 Protein (ECD; tumor necrosis factor (ligand) superfamily; member 4; Ath-1 Protein; Ath1 Protein; CD134L Protein; gp34 Protein; OX-40L Protein; Ox40l Protein; TXGP1 Protein; Txgp1l Protein; TNFSF4 recombinant protein

PRODUCT SPECIFICATIONS

Host	HEK293 Cells
Purity/Purification	>95 % 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	159aa
Sequence	Ser51-Leu1 98
Species	Mouse
Tag	C-His
Endotoxin	<1.0EU per ug protein as determined by the LAL method
Predicted N Terminal	Ser51
Protein Construction	JA DNA sequence encoding the mouse TNFSF4 (NP_033478.1) (Ser51-Leu198) was expressed with a polyhistidine tag at the C-terminus
Activity	Measured by its binding ability in a functional ELISA. Immobilized TNFSF4 Protein, Mouse, (ECD, His Tag) (53582-M08H1) at 2ug/mL (100uL/well) can bind OX40, Human, (His & hFc Tag) (10481-H03H). The EC50 of OX40-Fc2h is 30-90ng/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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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 #	6678473
NCBI GeneID	22164
NCBI Accession #	NP_033478.1
NCBI GenBank Nucleotide #	NM_009452.2
UniProt Accession #	P43488
Molecular Weight	22,255 Da
NCBI Official Full Name	tumor necrosis factor ligand superfamily member 4
NCBI Official Synonym Full Names	tumor necrosis factor (ligand) superfamily, member 4
NCBI Official Symbol	Tnfsf4
NCBI Official Synonym Symbols	Ath1; gp34; Ath-1; Ox40l; TXGP1; CD134L; OX-40L; Txgp1l
NCBI Protein Information	tumor necrosis factor ligand superfamily member 4; OX40 ligand; atherosclerosis 1; tax-transcriptionally activated glycoprotein 1 ligand
UniProt Protein Name	Tumor necrosis factor ligand superfamily member 4
UniProt Gene Name	Tnfsf4

UniProt Synonym Gene Names	Ox40l; Txgp1l; OX40L
UniProt Entry Name	TNFL4_MOUSE

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://stage.aaabiotech.com/tnfsf4-recombinant-protein-hek293-cells/257492>