

OX40/TNFRSF4 active protein

Recombinant mouse OX40/TNFRSF4 protein

CATALOG # AAA48994	HOST HEK293	APPLICATIONS SDS-Page
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PRODUCT SYNONYMS

OX40/TNFRSF4; Recombinant mouse OX40/TNFRSF4 protein; Tumor necrosis factor receptor superfamily member 4; TNFRSF4; ACT35; CD134; IMD16; OX40; TXGP1L; ACT35 antigen; OX40L receptor; TAX transcriptionally-activated glycoprotein 1 receptor; OX40/TNFRSF4 active protein

PRODUCT SPECIFICATIONS

Host	HEK293
Purity/Purification	> 95% by SDS-PAGE
Form/Format	Liquid. In Phosphate-Buffered Saline (pH7.4) containing 10% glycerol
Concentration	0.25mg/ml (determined by Absorbance at 280nm) (varies by lot)
Sequence Positions	20-211aa
Sequence	Asp VTARRLN CVKHTYPSGH KCCRECQPGH GMVSRCDHTR DTLCHPCETG FYNEAVNYDT CKQCTQCNHR SGSELKQNCT PTQDTVCRRCR PGTQPRQDSG YKLGVDVPC PPGHFSPGNN QACKPWTNCT LSGKQTRHPA SDSLDAVCED RSLLATLLWE TQRPTFRPTT VQSTTVWPRT SELPSPPTLV TPEGP
Applicable Applications for OX40/TNFRSF4 active protein	Bioactivity, SDS-PAGE
Species	Mouse
Endotoxin	< 1 EU per 1ug of protein (determined by LAL method)
Tag	hIgG-His-Tag
Preparation and Storage	Can be stored at +2C to +8C for 1 week. For long term storage, aliquot and store at -20C to -80C. Avoid repeated freezing and thawing cycles.

ADDITIONAL INFORMATION

Related Product Information for OX40/TNFRSF4 active protein	TNFRSF4, also known as CD134, is a member of the TNFR-superfamily of receptors. This protein is a receptor for TNFSF4/OX40L/GP34 and a costimulatory molecule implicated in long-term T-cell immunity. OX40-OX40L interactions regulate antigen-specific T-cell expansion and survival, cytokine production. It also modulates cytokine receptor signalling. Therefore the interaction between TNFRSF4 and CD40L plays a key role in the development of multiple inflammatory and autoimmune disease. It has been implicated in the pathologic cytokine storm associated with certain viral infections, including the H5N1 bird flu. Recombinant mouse OX40/TNFRSF4, fused to hIgG-His-tag at C-terminus, was expressed in HEK293 cell and purified by using conventional chromatography techniques.
Product Categories/Family for OX40/TNFRSF4 active protein	Immunology ; Proteins
References	Schreiber TH, et al, (2012) J Immunol. 189:3311-3318. Webb GJ, et al, (2016) Clin Rev Allergy Immunol. 50:312-332. Zhou B, et al, (2020) Transplant Proc. 52:398-405.

NCBI AND UNIPROT INFORMATION

NCBI GI #	6755909
NCBI GeneID	22163
NCBI Accession #	NP_035789.1
NCBI GenBank Nucleotide #	NM_011659.2
UniProt Accession #	P47741
Molecular Weight	30,154 Da
NCBI Official Full Name	tumor necrosis factor receptor superfamily member 4
NCBI Official Synonym Full Names	tumor necrosis factor receptor superfamily, member 4
NCBI Official Symbol	Tnfrsf4
NCBI Official Synonym Symbols	Ox40; ACT35; CD134; Ly-70; Txgp1; TXGP1L
NCBI Protein Information	tumor necrosis factor receptor superfamily member 4; OX40 antigen; OX40L receptor; tax-transcriptionally activated glycoprotein 1
UniProt Protein Name	Tumor necrosis factor receptor superfamily member 4
UniProt Gene Name	Tnfrsf4
UniProt Synonym Gene Names	Ox40; Txgp1
UniProt Entry Name	TNR4_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/hek293-active-protein/ox40-tnfrsf4/48994>