

Recombinant Mouse TNFSF4 Protein, His-tagged

Cat. No. TNFSF4-84M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse OX40 Ligand is produced by our Mammalian expression system and the target gene encoding Ser51-Leu198 is expressed with a 8His tag at the N-terminus.
Species	Mouse
Source	Human Cells
ProteinLength	Ser51-Leu198
Description	OX40 ligand (OX40L), also called CD252, is a single-pass type II membrane protein of the TNF/TNF receptor superfamily. OX40L is expressed by DCs, macrophages and B cells and signals via its cognate receptor OX40 which is mainly expressed on APCs. OX40L/OX40 interactions are important in T-cell activation and survival and for the generation of memory T cells from activated effector T cells. OX40L–OX40 co-stimulation leads to activation of TNF receptor associated factor (TRAF) 2, 3 and 5. This pathway has been shown to prolong the survival of effector CD4+Th cells as well as contributes to generation of memory T cells.
Form	Lyophilized from a 0.2 um filtered solution of PBS, pH7.4.
AA Sequence	HHHHHHHHSSSPAKDPPIQRLRGAVTRCEDGQLFISSYKNEYQTMEVQNNSVVIKC DGLYIIYLKGSFF QEVKIDLHFREDHNPISIPMLNDGRRIVFTVVASLAFKDKVYLTVN APDTLCEHLQINDGELIVVQLTPGY CAPEGSYHSTVNQVPL

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Endotoxin	Less than 0.1 ng/ug (1 EU/ug).
Purity	>95%
Storage	Lyophilized protein should be stored at < -20 centigrade, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 4-7 centigrade for 2-7 days. Aliquots of reconstituted samples are stable at < -20 centigrade for 3 months.
Quality Statement	Purity: Greater than 95% as determined by reducing SDS-PAGE.
Shipping	The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature listed below.

GENE INFORMATION

Gene Name	Tnfsf4 tumor necrosis factor (ligand) superfamily, member 4 [Mus musculus (house mouse)]
Official Symbol	TNFSF4
Synonyms	Tumor necrosis factor ligand superfamily member 4; CD134 ligand; CD134L; CD252; CD252 antigen; OX40 antigen ligand; OX40 ligand; OX40L; TAX transcriptionally-activated glycoprotein 1; tumor necrosis factor (ligand) superfamily, member 4; Ath1; gp34; Ath-1; Ox40l; TXGP1; OX-40L; Tnlg2b; Txgp1l
Gene ID	22164
mRNA Refseq	NM_009452.2
Protein Refseq	NP_033478.1

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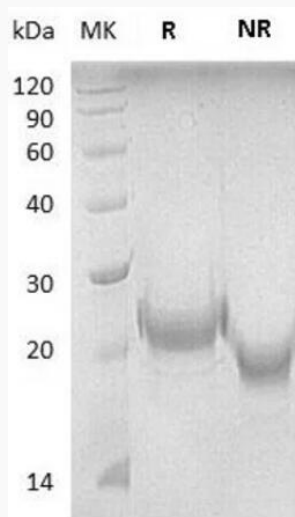
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UniProt ID

P43488

SDS-PAGE



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