

Recombinant Mouse OX40L

Catalog No: CM74

Description	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.
Source	Human Cells
Alternative name	Tumor necrosis factor ligand superfamily member 4; TNFSF4; CD134 ligand; CD134L; CD252; CD252 antigen; OX40 antigen ligand; OX40 ligand; OX40L; TAX transcriptionally-activated glycoprotein 1; tumor necrosis factor (ligand) superfamily, member 4
Accession No.	P43488
Formulation	Lyophilized from a 0.2 µm filtered solution of PBS, pH7.4.
Quality Control	Purity: Greater than 95% as determined by reducing SDS-PAGE. Endotoxin: Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test.
Shipping	The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature listed below.
Storage	Lyophilized protein should be stored at < -20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 4-7°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.
Amino Acid Sequence	HHHHHHHHSSSPAKDPPIQRLRGAVTRCEDGQLFISSYKNEYQTMEVQNNSVVIKCDGLYIIYLKGSFF QEVKIDLHFRDHNPIISIPMLNDGRRIVFTVVASLAFKDKVYLTVNAPDTLCEHLQINDGELIVVQLTPGY CAPEGSYHSTVNQVPL
Background	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.

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