

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.

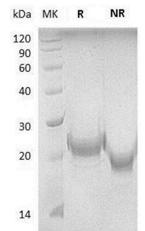
Amino Acid Sequence HHHHHHHHSSSPAKDPPIQRLRGAVTRCEDGQLFISSYKNEYQTMEVQNNSVVIKCDGLYIIYLKGSFF QEVKIDLHFREDHNPISIPMLNDGRRIVFTVVASLAFKDKVYLTVNAPDTLCEHLQINDGELIVVQLTPGY

CAPEGSYHSTVNQVPL

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.

Background



SDS-Page

