



Recombinant Human OX40L (C-mFc)

Catalog #	EPT015
Expression Host	Human Cells
DESCRIPTION	Recombinant Human OX40 Ligand is produced by our Mammalian expression system and the target gene encoding Gln51-Leu183 is expressed with a mFc tag at the C-terminus.
Accession	P23510
Synonyms	Tumor necrosis factor ligand superfamily member 4; Glycoprotein Gp34; OX40 ligand; OX40L; TAX transcriptionally-activated glycoprotein 1; TNFSF4; CD252; TXGP1
Mol Mass	42.2 KDa
AP Mol Mass	50-70 KDa, reducing conditions
Purity	Greater than 95% as determined by reducing SDS-PAGE.
Endotoxin	Less than 0.1 ng/ μ g (1 EU/ μ g) as determined by LAL test.
FORMULATION	Lyophilized from a 0.2 μ m filtered solution of PBS, pH





7.4.

RECONSTITUTION

Always centrifuge tubes before opening. Do not mix by vortex or pipetting.

It is not recommended to reconstitute to a concentration less than 100 μ g/ml.

Dissolve the lyophilized protein in distilled water.

Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

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 $< -20^{\circ}\text{C}$, though stable at room temperature for 3 weeks.

Reconstituted protein solution can be stored at $4-7^{\circ}\text{C}$ for 2-7 days.

Aliquots of reconstituted samples are stable at $< -20^{\circ}\text{C}$ for 3 months.

BACKGROUND

Tumor necrosis factor ligand superfamily member 4 (TNFSF4/OX40L) is a single-pass type II membrane protein. OX40L is expressed on the surface of activated B cells, T cells, dendritic cells and endothelial cells.

OX40L binds to OX40 (CD134), a member of the TNF





receptor superfamily that is expressed predominantly on activated CD4+ T cells. OX40-OX40L co-stimulates signal to promote the survival and proliferation of activated CD4+ T cells and prolong the immune response. It involved in T-cell proliferation and cytokine production. Additional, it has been found association with systemic lupus erythematosus, no association with occurrence of atherosclerosis.

SDS-PAGE

