

OX40L/TNFSF4 Protein, Human, Recombinant (His)

General Information

Synonyms:	TNFSF4;Glycoprotein Gp34;TAX transcriptionally-activated glycoprotein 1;OX40L;TXGP1; Tumor necrosis factor ligand superfamily member 4;OX40 ligand;CD252
Protein Construction:	Gln51-Leu183
Species:	Human
Expression Host:	HEK293 Cells
Accession:	P23510
Molecular Weight:	20-30 KDa (reducing condition)
AA Sequence:	Gln51-Leu183

QC Testing

Biological Activity:	Activity has not been tested. It is theoretically active, but we cannot guarantee it. If you require protein activity, we recommend choosing the eukaryotic expression version first.
Endotoxin:	< 0.1 ng/μg (1 EU/μg) as determined by LAL test.
Formulation:	Lyophilized from a solution filtered through a 0.22 μm filter, containing 20 mM PB, 150 mM NaCl, pH 7.4.

Preparation and Storage

Reconstitution:

Reconstitute the lyophilized protein in distilled water. The product concentration should not be less than 100 μg/ml. Before opening, centrifuge the tube to collect powder at the bottom. After adding the reconstitution buffer, avoid vortexing or pipetting for mixing.

Stability & Storage:

Lyophilized powders can be stably stored for over 12 months, while liquid products can be stored for 6-12 months at -80°C. For reconstituted protein solutions, the solution can be stored at -20°C to -80°C for at least 3 months.

Please avoid multiple freeze-thaw cycles and store products in aliquots.

Actual storage temperature shall be subject to the COA.

Shipping:

In general, lyophilized powders are shipped with blue ice, while solutions are shipped with dry ice.

Protein 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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