

OX40L/TNFSF4 Protein, Cynomolgus, Recombinant (His)

General Information

Synonyms:	OX-40L;TNFSF4;Tumor necrosis factor ligand 2B
Protein Construction:	Gln51-Leu183
Species:	Cynomolgus
Expression Host:	HEK293 Cells
Accession:	F7FL80
Molecular Weight:	23-30 Kda (reducing condition)
AA Sequence:	Gln51-Leu183

QC Testing

Biological Activity:	Immobilized Human OX40-Fc at 10µg/ml (100 µl/well) can bind Cynomolgus OX40L-His. The ED50 of Cynomolgus OX40L-His is 17.75 ng/ml. (Regularly tested)
Purity:	Greater than 95% as determined by reducing SDS-PAGE. (QC verified)
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 PBS, 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 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. It is a cytokine that binds to TNFRSF4, Co-stimulates T-cell proliferation and cytokine production. OX40L/OX40 interactions are important in T-cell activation and survival and

A DRUG SCREENING EXPERT

for the generation of memory T cells from activated effector T cells.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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