

Recombinant Mouse TNFSF4/OX40 ligand/CD252 Protein

Catalog No.: RP00713

Sequence Information

Species **Gene ID**
Mouse 22164

Swiss Prot **Tags**
P43488 N-His

Synonyms

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, Tnfsf4

Product Information

Source **Purification**
HEK293 cells ≥ 95 % as determined by SDS-PAGE.

Calculated MW **Observed MW**
17.7 kDa 20-23 kDa

Endotoxin

< 1 EU/μg of the protein by LAL method.

Formulation

Lyophilized from a 0.2 μm filtered solution of PBS, pH7.4. Contact us for customized product form or formulation.

Reconstitution

Centrifuge the tube before opening. Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water. Avoid vortex or vigorously pipetting the protein. For long term storage, it is recommended to add a carrier protein or stabilizer (e.g. 0.1% BSA, 5% HSA, 10% FBS or 5%

Background

OX40 ligand (OX40L), also called CD252, is a single-pass type II membrane protein of the TNF/TNF receptors 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.

Basic Information

Description

Recombinant Mouse TNFSF4/OX40 Ligand Protein is produced by Human Cells expression system. The target protein is expressed with sequence (Ser51-Leu198) of mouse TNFSF4/OX40 Ligand (Accession #P43488) fused with an 8×His tag at the N-terminus.

Activity

Shipping

Lyophilized proteins are shipped at ambient temperature. Liquid proteins are shipped at frozen temperature with dry ice. Upon receipt, store it immediately at the temperature recommended below.

Storage

Store at -20°C

Operational Notes

For your safety and health, please wear a lab coat and disposable gloves for handling.

Contact

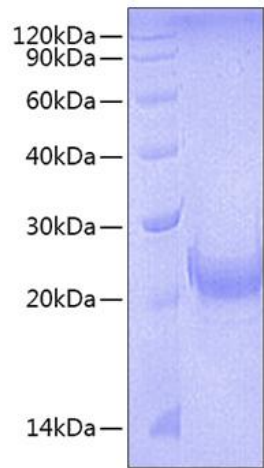
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Trehalose), and aliquot the reconstituted protein solution to minimize free-thaw cycles.

Validation Data



Recombinant Mouse TNFSF4/OX40 ligand/CD252 Protein was determined by SDS-PAGE under reducing conditions with Coomassie Blue.