

Recombinant Human TNFSF4/OX40 ligand/CD252 Protein

Catalog No.: RP00467

Sequence Information

Species	Gene ID
Human	7292
Swiss Prot	Tags
P23510	N-His

Synonyms

CD134L, CD252, GP34, OX-40L, OX40L, TNLG2B, TXGP1, TNFSF4

Product Information

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

Calculated MW Observed MW

16.26 kDa 25-35 kDa

Endotoxin

< 0.01 EU/μg of the protein by LAL method

Formulation

Lyophilized from a 0.22 μm filtered solution of PBS, pH 7.4.

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

Background

This protein belongs to a cytokine of the tumor necrosis factor (TNF) ligand family. The encoded protein functions in T cell antigen-presenting cell (APC) interactions and mediates adhesion of activated T cells to endothelial cells. Polymorphisms in this gene have been associated with Sjogren's syndrome and systemic lupus erythematosus. Alternative splicing results in multiple transcript variants.

Basic Information

Description

Recombinant Human TNFSF4/OX40 ligand/CD252 Protein is produced by Human cell expression system. The target protein is expressed with sequence (Gln51-Leu183) of human OX40 Ligand/TNFSF4/OX40L/CD252 (Accession #P23510) fused with a 6×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.

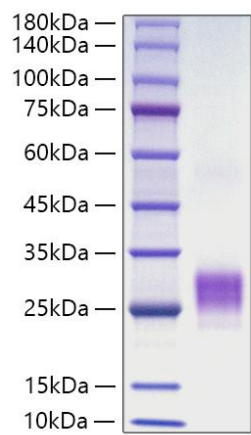
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Validation Data



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