Recombinant Human TNFSF7/CD27 Ligand/CD70 Protein

Catalog No.: RP01129

Sequence Information

Species
Human

Gene ID
970

Swiss Prot
P32970

Tags
N-hFc

Synonyms
CD70,CD27L, LPFS3, CD27-L, CD27LG, TNFSF7, TNLG8A,CD27-L, CD27LG,TNFSF7,TNLG8A

Product Information

Source
HEK293 cells

Purification
≥ 90 % as determined by SDS-PAGE.

Calculated MW
43.09 kDa

Observed MW
50-60 kDa

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

Formulation
Lyophilized from a 0.22 μm filtered solution PBS, pH 7.4.Contact us for customized product form or formulation.

Reconstitution
Centrifuge the vial 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 stablizer (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 is a cytokine that belongs to the tumor necrosis factor (TNF) ligand family. This cytokine is a ligand for TNFRSF27/CD27. It is a surface antigen on activated, but not on resting, T and B lymphocytes. It induces proliferation of costimulated T cells, enhances the generation of cytolytic T cells, and contributes to T cell activation. This cytokine is also reported to play a role in regulating B-cell activation, cytotoxic function of natural killer cells, and immunoglobulin sythesis.

Basic Information

Description
Recombinant Human TNFSF7/CD27 Ligand/CD70 Protein is produced by HEK293 cells expression system. The target protein is expressed with sequence (Gln39-Pro193) of human CD70 (Accession #NP_001243.1) fused with an Fc 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℃

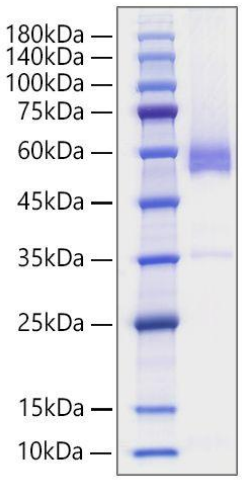
Operational Notes
For your safety and health, please wear a lab coat and disposable gloves for handling.

Contact

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For research use only. Not for therapeutic or diagnostic purposes.
Please visit http://abclonal.com for a complete listing of recommended products.

Validation Data



Recombinant Human TNFSF7/CD27 Ligand/CD70 Protein was determined by SDS-PAGE under reducing conditions with Coomassie Blue.