

Recombinant Human TNFSF7/CD27 Ligand/CD70 Protein

Catalog No.: RP01129 Recombinant

Sequence Information

Species Gene ID Swiss Prot Human 970 P32970

Tags N-hFc

Synonyms

CD70;CD27L; LPFS3; CD27-L; CD27LG; TNFSF7; TNLG8A;CD27-L;CD27LG;TNFSF7;TNLG8A

Product Information

Source Purification

HEK293 cells ≥ 90 % as determined by SDS-

PAGE.

Calculated MW Observed MW

43.09 kDa 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.

Contact

a	400-999-6126
×	cn.market@abclonal.com.cn
	www.abclonal.com.cn

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.

Bio-Activity

Shipping

The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature recommended below.

Storage

Store at -20°C. Store the lyophilized protein at -20°C to -80 °C up to 1 year from the date of receipt.

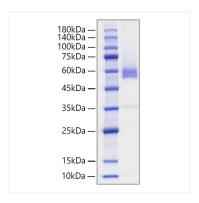
After reconstitution, the protein solution is stable at -20°C for 3 months, at 2-8°C for up to 1 week.

Avoid repeated freeze/thaw cycles.

Operational Notes

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

Validation Data



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