

Recombinant Human CD40L Protein

Catalog No.: RP01082 **Recombinant**

Sequence Information

Species	Gene ID	Swiss Prot
Human	959	P29965

Tags

No tag

Synonyms

CD40 Ligand; CD40-L; T-Cell Antigen Gp39; TNF-Related Activation Protein; TRAP; Tumor Necrosis Factor Ligand Superfamily Member 5; CD154; CD40LG; CD40L; TNFSF5; TRAP

Product Information

Source	Purification
<i>E. coli</i>	> 95% by SDS-PAGE.

Endotoxin

< 1.0 EU/μg of the protein by LAL method.

Formulation

Lyophilized from a 0.22 μm filtered solution of 20mM PB, 200mM NaCl, 0.1mM EDTA, pH 7.0. Contact us for customized product form or formulation.

Reconstitution

Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water.

Background

This protein is expressed on the surface of T cells. It regulates B cell function by engaging CD40 on the B cell surface. A defect in this gene results in an inability to undergo immunoglobulin class switch and is associated with hyper-IgM syndrome.

Basic Information

Description

Recombinant Human CD40L Protein is produced by *E. coli* expression system. The target protein is expressed with sequence (Met113-Leu261) of human CD40L (Accession #P29965) fused with no tags.

Bio-Activity

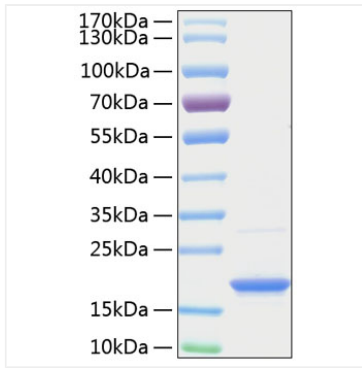
Storage

Store the lyophilized protein at -20°C to -80 °C for long term. 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.

Contact

 | www.abclonal.com

Validation Data



Recombinant Human CD40L Protein was determined by SDS-PAGE with Coomassie Blue, showing a band at 15 kDa.