

RP00736

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Recombinant Mouse TNFRSF7/CD27 Protein

Catalog No.: RP00736

Recombinant

Sequence Information

Species	Gene ID	Swiss Prot
Mouse	21940	P41272

Tags

C-Fc & 6×His

Synonyms

CD27 antigen; CD27L receptor; T-cell activation antigen CD27; Tumor necrosis factor receptorsuperfamily member 7; CD27

Product Information

Source	Purification
HEK293 cells	> 95% by SDS-PAGE.

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

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

Background

Mouse CD27 is a single-pass type I membrane protein which is a member of the tumor necrosis factor receptorsuperfamily. CD27 is required for generation and long-term maintenance of T cell immunity. It binds to ligand CD70, and plays a key role in regulating B-cell activation and immunoglobulin synthesis. CD27 transduces signals that lead to the activation of NF-κB and MAPK8/JNK. Adaptor proteins TRAF2 and TRAF5 have been shown to mediate the signaling process of this receptor. CD27-binding protein (SIVA), a proapoptotic protein, can bind to this receptor and is thought to play an important role in the apoptosis induced by this receptor.

Basic Information

Description

Recombinant Mouse TNFRSF7/CD27 Protein is produced by Human Cells expression system. The target protein is expressed with sequence (Pro24-Arg182) of mouse TNFRSF7/CD27 (Accession #P41272) fused with an Fc, 6×His tag at the C-terminus.

Bio-Activity

Storage

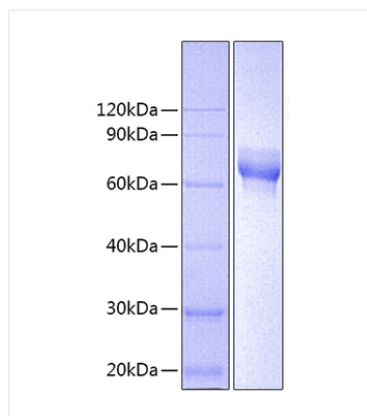
Store the lyophilized protein at -20°C to -80 °C for long term. After reconstitution, the protein solution is stable at -20 °C for 3 months, at 2-8 °C for up to 1 week. Avoid repeated freeze/thaw cycles.

Contact



www.abclonal.com

Validation Data



Recombinant Mouse TNFRSF7/CD27 Protein was determined by SDS-PAGE under reducing conditions with Coomassie Blue.