

Recombinant Cynomolgus/Rhesus macaque TNFRSF7/CD27 Protein

Catalog No.: RP02610

Sequence Information

Species **Gene ID**
Cynomolgus 102139476
/Rhesus macaque/712693

Swiss Prot **Tags**
XP_005569963.1 C-hFc

Synonyms

CD27 antigen; Tp55; TNFRSF7;
S152; T14; S152. LPFS2;
MGC20393; S152CD27L receptor

Product Information

Source	Purification
HEK293 cells	≥ 95 % as determined by Tris-Bis PAGE; ≥ 95 % as determined by HPLC.

Calculated MW	Observed MW
46.5 kDa	60-70 kDa

Endotoxin

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

Formulation

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

CD27, also known as TNFRSF7, is an approximately 55 kDa transmembrane protein in the TNF receptor superfamily. It functions as a co-stimulatory molecule that supports lymphocyte activation and survival. It binds to ligand CD70, and plays a key role in regulating B-cell activation and immunoglobulin synthesis.

Basic Information

Description

Recombinant Cynomolgus/Rhesus macaque CD27/TNFRSF7 Protein is expressed from Expi293 with hFc tag at the C-terminal.; It contains Ala20-Arg191.

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.

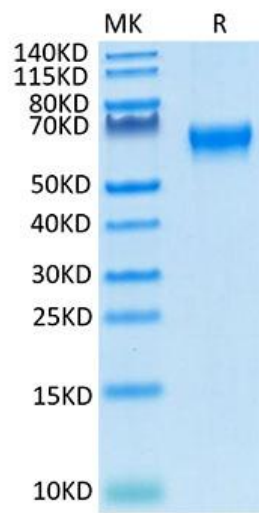
Contact

☎ | 400-999-6126

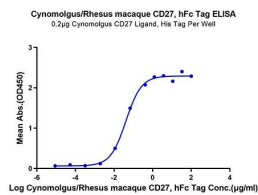
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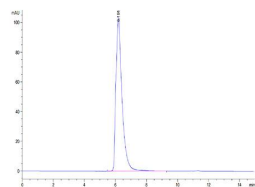
Validation Data



Recombinant Cynomolgus/Rhesus macaque TNFRSF7/CD27 Protein was determined by Tris-Bis PAGE under reducing conditions.



Immobilized Cynomolgus CD27 Ligand, His Tag at 2µg/ml (100µl/well) on the plate. Dose response curve for Cynomolgus/Rhesus macaque CD27, hFc Tag with the EC₅₀ of 41.5ng/ml determined by ELISA.



The purity of Cynomolgus/Rhesus macaque CD27 is greater than 95% as determined by SEC-HPLC.