Product Name: Recombinant Rhesus Macaque CD27 (C-Fc)
Catalog #: PHV1981

Summary

Name	CD27/TNFRSF7
Purity	Greater than 95% as determined by reducing SDS-PAGE
Endotoxin level	<1 EU/μg as determined by LAL test.
Construction	Recombinant Rhesus Macaque CD27 Molecule is produced by our Mammalian expression system and the target gene encoding Thr21-Ile192 is expressed with a human IgG1 Fc tag at the C-terminus.
Accession #	F7BYS2
Host	Human Cells
Species	Rhesus macaque
Predicted Molecular Mass	46.5 KDa
Formulation	Lyophilized from a 0.2 μm filtered solution of 20mM Tris-HCl, 150mM NaCl, pH 8.5.
Shipping	The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature listed below.
Stability&Storage	Store at ≤-70°C, stable for 6 months after receipt. Store at ≤-70°C, stable for 3 months under sterile conditions after opening. Please minimize freeze-thaw cycles.
Reconstitution	Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100μg/ml. Dissolve the lyophilized protein in distilled water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100μg/ml. Dissolve the lyophilized protein in distilled water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

SDS-PAGE image

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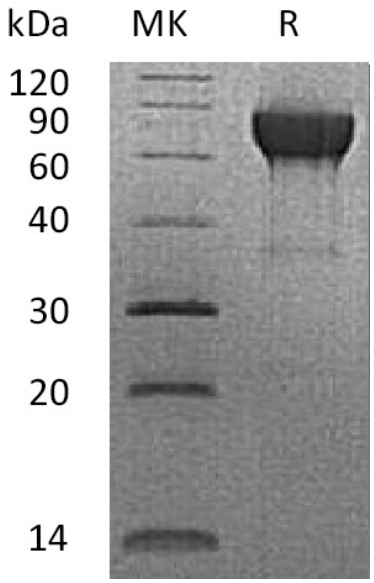

Alternative Names

CD27 Antigen; CD27L Receptor; T-Cell Activation Antigen CD27; T14; Tumor Necrosis Factor Receptor Superfamily Member 7; CD27; CD27; TNFRSF7

Background

CD27 antigen, also known as CD27L receptor, T-cell activation antigen CD27, T14, S152, Tp55, TNFRSF7 and Tumor necrosis factor receptor for superfamily member 7， belongs to the TNF-receptor superfamily. CD27 is a single-pass type I membrane protein and exists as a homodimer form, containing three TNFR-Cys repeats. CD27 transduces signals that lead to the activation of NF-KappaB and MAPK8/JNK. CD27 is involved in regulating B-cell activation and immunoglobulin synthesis, binding to the ligand CD70. TRAF2 and TRAF5 have been shown to mediate the signaling process of CD27. CD27-binding protein (SIVA), which is a proapoptotic protein, can bind to CD27 and is thought to play a key role in the apoptosis. CD27 is required for generation and long-term maintenance of T cell immunity.

Note

For Research Use Only , Not for Diagnostic Use.