

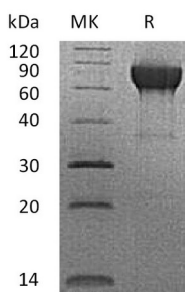
Product Name: Recombinant Rhesus Macaque CD27 (C-Fc)
Catalog #: PHV1981



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. |

SDS-PAGE image



Background

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

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.