

Recombinant Rhesus Macague CD27 (C-6His) Catalog No: CA62

Description Recombinant Rhesus Macaque CD27 molecule is produced by our Mammalian expression system and

the target gene encoding Thr21-Ile192 is expressed with a 6His tag at the C-terminus.

Source **Human Cells**

CD27 Antigen; CD27L Receptor; T-Cell Activation Antigen CD27; T14; Tumor Necrosis Factor **Alternative name**

Receptor Superfamily Member 7; CD27; CD27; TNFRSF7

F7BYS2 Accession No.

Formulation Lyophilized from a 0.2 µm filtered solution of PBS, pH 7.4.

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.

Quality Control Purity: Greater than 95% as determined by reducing SDS-PAGE.

> Endotoxin: Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test.

Shipping The product is shipped at ambient temperature.

Upon receipt, store it immediately at the temperature listed below.

Storage Lyophilized protein should be stored at < -20°C, though stable at room temperature for 3 weeks.

> Reconstituted protein solution can be stored at 4-7°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.

CD27 antigen, also known as CD27L receptor, T-cell activation antigen CD27, T14, S152, Tp55,

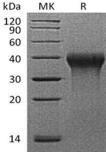
TNFRSF7 and Tumor necrosis factor receptor for superfamily member 7, belongs to the TNF-receptor superfamily. CD27 is a single-pass type I membrane protein and exists as a homodimer form, containing

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. CD27binding 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.







Background

SDS-Page