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# CD27 Protein (His tag)





#### Overview

Quantity:	50 μg
Target:	CD27
Origin:	Rhesus Monkey
Source:	Human Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This CD27 protein is labelled with His tag.

#### **Product Details**

Purpose:	Recombinant Rhesus macaque CD27/TNFRSF7 Protein (His Tag)
Sequence:	Thr21-Ile192
Characteristics:	Recombinant Rhesus macaque CD27 is produced by our Mammalian expression system and the target gene encoding Thr21-Ile192 is expressed with a 6His tag at the C-terminus.
Purity:	> 95 % as determined by reducing SDS-PAGE.
Endotoxin Level:	< 1.0 EU per µg as determined by the LAL method.

## **Target Details**

Target:	CD27
Alternative Name:	CD27/TNFRSF7 (CD27 Products)
Background:	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.

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

Molecular Weight: 20.1 kDa

UniProt: F7BYS2

Pathways: Production of Molecular Mediator of Immune Response, Cancer Immune Checkpoints

### **Application Details**

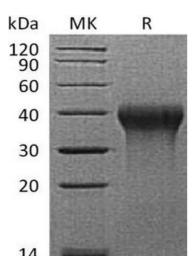
Comment: 40 kDa

Restrictions: For Research Use only

#### Handling

Format:	Lyophilized
Reconstitution:	Please refer to the printed manual for detailed information.
Buffer:	Lyophilized from a 0.2 µm filtered solution of PBS, pH 7.4.
Storage:	4 °C,-20 °C,-80 °C
Storage Comment:	Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C.

Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.



# **Western Blotting**

Image 1.