

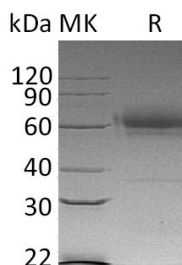
**Product Name: Recombinant Mouse CD27 (C-Fc-6His)**  
**Catalog #: PHM0321**



## Summary

<b>Name</b>	CD27/TNFRSF7
<b>Purity</b>	Greater than 95% as determined by reducing SDS-PAGE
<b>Endotoxin level</b>	<1 EU/μg as determined by LAL test.
<b>Construction</b>	Recombinant Mouse CD27 Antigen is produced by our Mammalian expression system and the target gene encoding Pro24-Arg182 is expressed with a human IgG1 Fc, 6His tag at the C-terminus.
<b>Accession #</b>	P41272
<b>Host</b>	Human Cells
<b>Species</b>	Mouse
<b>Predicted Molecular Mass</b>	45.8 KDa
<b>Formulation</b>	Lyophilized from a 0.2 μm filtered solution of PBS, pH 7.4.
<b>Shipping</b>	The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature listed below.
<b>Stability&amp;Storage</b>	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.
<b>Reconstitution</b>	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

<b>Alternative Names</b>	CD27 antigen; CD27L receptor; T-cell activation antigen CD27; Tumor necrosis
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#### **Background**

factor receptor superfamily member 7; CD27

Mouse CD27 is a single-pass type I membrane protein which is a member of the tumor necrosis factor receptor superfamily. CD27 is required for generation and long-term maintenance of T cell immunity. It binds to ligand CD70, and plays a key role in regulating B-cell activation and immunoglobulin synthesis. CD27 transduces signals that lead to the activation of NF- $\kappa$ B and MAPK8/JNK. Adaptor proteins TRAF2 and TRAF5 have been shown to mediate the signaling process of this receptor. CD27-binding protein (SIVA), a proapoptotic protein, can bind to this receptor and is thought to play an important role in the apoptosis induced by this receptor.

#### **Note**

For Research Use Only , Not for Diagnostic Use.