

**Product Name: Recombinant Human CD27L (C-Fc)**  
**Catalog #: PHH0368**



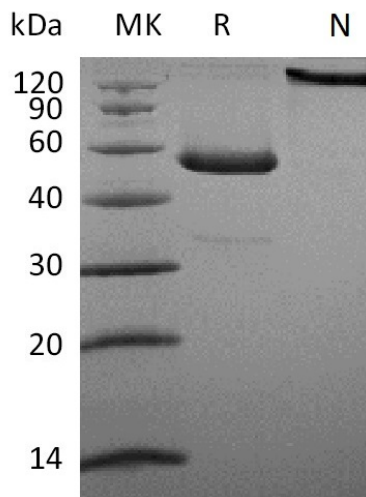
---

## Summary

|                                 |                                                                                                                                                                                                                                                                                        |
|---------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Name</b>                     | CD27L/CD70/CD27 Ligand/TNFSF7                                                                                                                                                                                                                                                          |
| <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 Human CD27 Ligand/CD70 is produced by our Mammalian expression system and the target gene encoding Gln45-Pro193 is expressed with a human IgG1 Fc tag at the C-terminus.                                                                                                   |
| <b>Accession #</b>              | P32970                                                                                                                                                                                                                                                                                 |
| <b>Host</b>                     | Human Cells                                                                                                                                                                                                                                                                            |
| <b>Species</b>                  | Human                                                                                                                                                                                                                                                                                  |
| <b>Predicted Molecular Mass</b> | 43.6 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>    | Lyophilized protein should be stored at ≤ -20°C, stable for one year after receipt. Reconstituted protein solution can be stored at 2-8°C for 2-7 days. Aliquots of reconstituted samples are stable at ≤ -20°C for 3 months.                                                          |
| <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

**Product Name: Recombinant Human CD27L (C-Fc)**  
**Catalog #: PHH0368**



### Alternative Names

CD70 antigen; CD70; CD27 ligand; Tumor necrosis factor ligand superfamily member 7; CD27LG; TNFSF7; CD27L

### Background

CD27 Ligand (CD70) is a 30 kDa type 2 transmembrane glycoprotein that belongs to the tumor necrosis factor (TNF) ligand family. Human CD27 Ligand extracellular region is 64% aa identical to mouse and rat CD27 Ligand extracellular regions. This cytokine is a ligand for TNFRSF27/CD27. It is a surface antigen on activated, but not on resting, T and B lymphocytes. It induces proliferation of costimulated T cells, enhances the generation of cytolytic T cells, and contributes to T cell activation. This cytokine is also reported to play a role in regulating B-cell activation, cytotoxic function of natural killer cells, and immunoglobulin synthesis.

### Note

For Research Use Only , Not for Diagnostic Use.