

PRODUCT INFORMATION

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| Target | PGLYRP1 |
| Synonyms | PGRP-S |
| Description | Recombinant mouse PGLYRP1 protein with C-terminal human Fc tag |
| Delivery | In Stock |
| Uniprot ID | O88593 |
| Expression Host | HEK293 |
| Tag | C-Human Fc Tag |
| Molecular Characterization | Mouse PGLYRP1(Phe19-Glu182) hFc(Glu99-Ala330) |
| Molecular Weight | The protein has a predicted molecular mass of 44.8 kDa after removal of the signal peptide. The apparent molecular mass of mPGLYRP1-hFc is approximately 35-55 kDa due to glycosylation. |
| Purity | The purity of the protein is greater than 95% as determined by SDS-PAGE and Coomassie blue staining. |
| Formulation & Reconstitution | Lyophilized from sterile PBS, pH 7.4. Normally 5% - 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis for specific instructions of reconstitution. |
| Storage & Shipping | Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature. |
| Background | Pattern receptor that binds to murein peptidoglycans (PGN) of Gram-positive bacteria. Has bactericidal activity towards Gram-positive bacteria. May kill Gram-positive bacteria by interfering with peptidoglycan biosynthesis. Binds also to Gram-negative bacteria. Involved in innate immunity. May function in intracellular killing of bacteria. The soluble form triggers apoptosis in vitro.[UniProtKB/Swiss-Prot Function] |
| Usage | Research use only |
| Conjugate | Unconjugated |



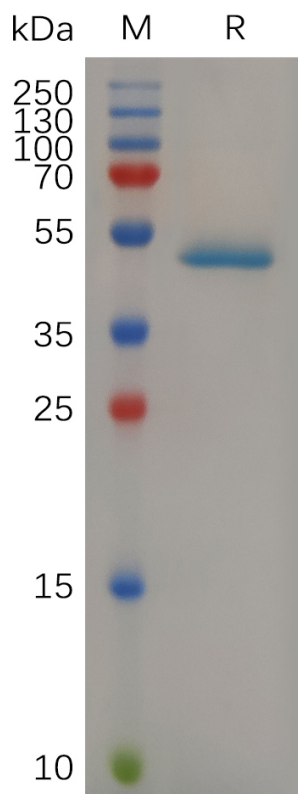


Figure 1. Mouse PGLYRP1 Protein, hFc Tag on SDS-PAGE under reducing condition.

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