

PRODUCT INFORMATION

|                              |  |
|------------------------------|--|
| 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   |



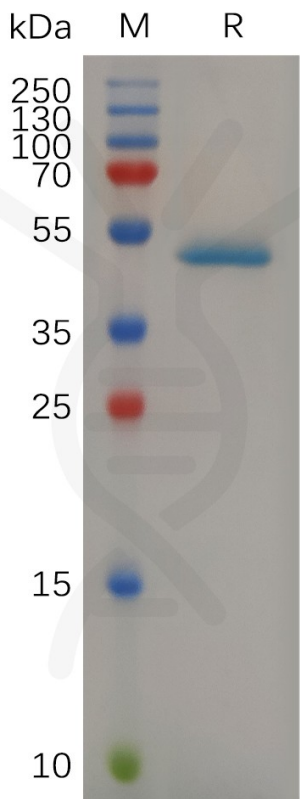


Figure 1. Mouse PGLYRP1 Protein, hFc Tag on SDS-PAGE under reducing condition.

