

PRODUCT INFORMATION

Target PGLYRP1 PGRP-S **Synonyms**

Recombinant mouse PGLYRP1 protein with C-**Description**

terminal human Fc tag

Delivery In Stock **Uniprot ID** 088593 **Expression Host HEK293**

Tag C-Human Fc Tag

Molecular Mouse PGLYRP1(Phe19-Glu182) hFc(Glu99-

Characterization Ala330)

Purity

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 **Molecular Weight** approximately 35-55 kDa due to glycosylation.

The purity of the protein is greater than 95% as determined by SDS-PAGE and Coomassie blue

staining.

Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis Formulation & Reconstitution

for specific instructions of reconstitution.

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

Storage & Shipping at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient

temperature.

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

Background 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

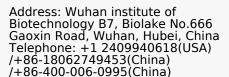
vitro.[UniProtKB/Swiss-Prot Function]

Usage Research use only

Conjugate Unconjugated



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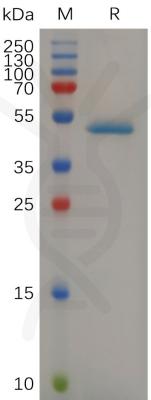


Figure 1. Mouse PGLYRP1 Protein, hFc Tag on SDS-PAGE under reducing condition.

