

**32-17826: Recombinant Mouse PGLYRP1 Protein, hFc Tag**

**Uniprot ID :** O88593  
**Alternative Name :** PGRP-S

**Description**

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.

Description: Recombinant mouse PGLYRP1 protein with C-terminal human Fc tag

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]

**Product Info**

**Amount :** 100 µg / 50 µg

**Content :** Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8% trehalose is added as protectants before lyophilization.

**Storage condition :** 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.