Human PGLYRP1 Protein, hFc Tag

Cat. No. PME100694

PRODUCT INFORMATION

Target	PGLYRP1
Synonyms	PGRP-S
Description	Recombinant human PGLYRP1 Protein with C-terminal Human Fc tag
Delivery	In Stock
Uniprot ID	O75594
Expression Host	HEK293
Tag	C-Human Fc Tag
Molecular Characterization	PGLYRP1 (Gln22-Pro196) hFc(Glu99-Ala330)
Molecular Weight	The protein has a predicted molecular mass of 45.6 kDa after removal of the signal peptide. The apparent molecular mass of PGLYRP1-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, and has bacteriostatic activity towards Gram-negative bacteria. Plays a role in innate immunity.[UniProtKB/Swiss-Prot Function]
Usage	Research use only
Conjugate	Unconjugated

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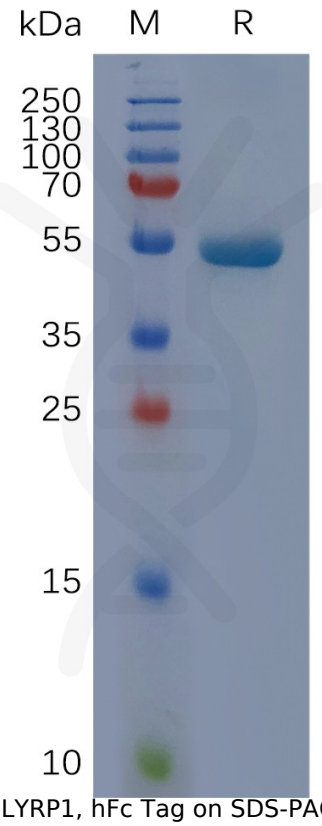


Figure 1. Human PGLYRP1, hFc Tag on SDS-PAGE under reducing condition.

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