

# Human PGLYRP1 Recombinant Protein



RPPB5911

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## Product Information    Protein Information

**Product SKU:**

RPPB5911

**Accession:**

O75594

**Host:**

Escherichia Coli.

**Protein description:**

PGLYRP1 Human Recombinant produced in E.Coli is a single, non-glycosylated, polypeptide chain (a.a 22-196) containing 185 amino acids including a 10 a.a N-terminal His tag. The total molecular mass is 20.68kDa (calculated).

**Appearance:**

Filtered White lyophilized (freeze-dried) powder.

**Synonyms:**

Peptidoglycan recognition protein 1, Peptidoglycan recognition protein short, PGRP-S, PGLYRP1, PGLYRP, PGRP, TNFSF3L, TAG7, PGRPS.

**Formulation:**

PGLYRP1 filtered (0.4 µm) and lyophilized from 0.5mg/ml in 0.05M Acetate buffer pH-4.0.

**Purity:**

Greater than 90.0% as determined by SDS-PAGE.

**Solubility:**

It is recommended to add 200µl of 0.1M Acetate buffer pH-4 to prepare a working stock solution of approximately 0.5mg/ml and let the lyophilized pellet dissolve completely at 37°C. For conversion into higher pH value, we recommend intensive dilution by relevant buffer to a concentration of 10µg/ml. In higher concentrations the solubility of this antigen is limited. PGLYRP1 is not sterile! Please filter the product by an appropriate sterile filter before using it in the cell culture.

**Stability:**

Store lyophilized protein at -20°C. Aliquot the product after reconstitution to avoid repeated freezing/thawing cycles. Reconstituted protein can be stored at 4°C for a limited period of time; it does not show any change after two weeks at 4°C.

**Amino Acid Sequence:**

MKHHHHHHASQETEDPACCS PIVPRNEWKA LASECAQHLS LPLRYVVVSH TAGSSCNTPA SCQQQARNVQ  
HYHMKTLGWC DVGYNFLIGE DGLVYEGRGW NFTGAHSGHL WNPMSIGISF MGNYMDRVPT PQAIRAAQGL  
LACGVAQGAL RSNVYVKGHR DVQRTLSPGN QLYHLIQNWP HYRSP.