

Human PGLYRP1 Recombinant Protein



RPPB5911

Product Information Protein Information

Product SKU:

RPPB5911

Accession:

075594

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 HYHMKTGWC DVGYNFLIGE DGLVYEGRGW NFTGAHSGHL WNPM SIGISF MGNYMDRVPT PQAIRAAQGL LACGVAQGAL RSNYVLKGHR DVQRTLSPGN QLYHLIQNWP HYRSP.