

Peptidoglycan Recognition Protein 1 Human Recombinant

Item Number	rAP-3995
Synonyms	Peptidoglycan recognition protein 1, Peptidoglycan recognition protein short, PGRP-S, PGLYRP1, PGLYRP, PGRP, TNFSF3L, TAG7, PGRPS.
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).
Uniprot Accession Number	O75594
Amino Acid Sequence	MKHHHHHHASQETEDPACCS PIVPRNEWKA LASECAQHLS LPLRYVVVSH TAGSSCNTPA SCQQQARNVQ HYHMKTGWC DVGYNFLIGE DGLVYEGRGW NFTGAHSGHL WNPMSIGISF MGNYMDRVPT PQAIRAAQGL LACGVAQGAL RSNYVLKGHR DVQRTLSPGN QLYHLIQNWP HYRSP.
Source	Escherichia Coli.
Physical Appearance and Stability	Filtered White lyophilized (freeze-dried) powder. 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.
Formulation and Purity	PGLYRP1 filtered (0.4 µm) and lyophilized from 0.5mg/ml in 0.05M Acetate buffer pH-4.0. Greater than 90.0% as determined by SDS-PAGE.
Application	
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 re
Biological Activity	
Shipping Format and Condition	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**