

Peptidoglycan Recognition Protein 1 (PGLYRP1) Recombinant Protein | PGLYRP1 recombinant protein

Recombinant Peptidoglycan Recognition Protein 1 (PGLYRP1)

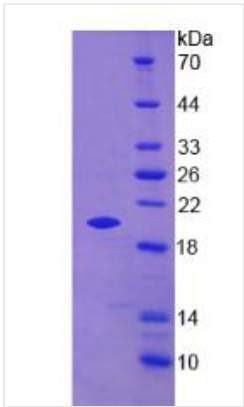
CATALOG # AAA135467	HOST E Coli	APPLICATIONS Western Blot, SDS-Page
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PRODUCT SYNONYMS

Peptidoglycan Recognition Protein 1 (PGLYRP1); Recombinant Peptidoglycan Recognition Protein 1 (PGLYRP1); PGLYRP1 recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	> 95%
Concentration	Original Concentration: 200 ug/mL (varies by lot)
Sequence Length	196
Applicable Applications for PGLYRP1 recombinant protein	WB (Western Blot), SDS-PAGE, Immunogen, Positive Control
Organism Species	Mus musculus (Mouse)
Source	Prokaryotic expression
Residues	Phe19~Glu182
Tags	N-terminal His-Tag
Subcellular Location	Secreted, Cytoplasm
Traits	Freeze-dried powder
Buffer formulation	100mMNaHCO ₃ , 500mMNaCl, pH8.3, containing 1mM EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose and Proclin300.
Predicted isoelectric point	7.8
Predicted Molecular Mass	22.5kDa
Accurate Molecular Mass	20kDa as determined by SDS-PAGE reducing conditions.
Usage	Reconstitute in 100mM NaHCO ₃ , 500mM NaCl (pH8.3) to a concentration of 0.1-1.0 mg/mL. Do not vortex.
Preparation and Storage	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months. Stability Test: The thermal stability is described by the loss rate of the targetprotein. The loss rate was determined by accelerated thermal degradation test,that is, incubate the protein at 37°C for 48h, and no obvious degradation andprecipitation were observed. (Referring from China Biological Products Standard,which was calculated by the Arrhenius equation.) The loss of this protein is less than 5% within the expiration date under appropriate storage condition.



Sequence

FI VPRSEWRALP SECSSRLGHP VRYVVISHTA
GSFCNSPDSC EQQARNVQHY HKNELGWCDV AYNFLIGEDG HVEGRGWNI
KGDHTGPIWN PMSIGITFMG NFMDRVPAPR ALRAALNLE CGVSRGFLRS
NYEVKGHRDV QSTLSPGDQL YQVIQSWEHY RE

SDS-PAGE

NCBI AND UNIPROT INFORMATION

NCBI GI #	4827036
NCBI GeneID	8993
NCBI Accession #	NP_005082.1
NCBI GenBank Nucleotide #	NM_005091.2
UniProt Accession #	O75594; Q4VB36
NCBI Official Full Name	peptidoglycan recognition protein 1
NCBI Official Synonym Full Names	peptidoglycan recognition protein 1
NCBI Official Symbol	PGLYRP1
NCBI Official Synonym Symbols	PGRP; TAG7; PGRPS; PGLYRP; PGRP-S; TNFSF3L
NCBI Protein Information	peptidoglycan recognition protein 1; TNF superfamily, member 3 (LTB)-like (peptidoglycan recognition protein)
UniProt Protein Name	Peptidoglycan recognition protein 1
UniProt Gene Name	PGLYRP1
UniProt Synonym Gene Names	PGLYRP; PGRP; TNFSF3L; PGRP-S
UniProt Entry Name	PGRP1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.