

# Recombinant Full Length Human PGLYRP1 Protein, C-Flag-tagged

**Cat. No.** PGLYRP1-164HFL    **Lot. No.** (See product label)

## SPECIFICATION

<b>Product Overview</b>	Recombinant Full Length Human PGLYRP1 Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells.
<b>Species</b>	Human
<b>Source</b>	Mammalian Cells
<b>Description</b>	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.
<b>Form</b>	25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.
<b>Molecular Mass</b>	21.6 kDa
<b>AA Sequence</b>	MSRRSMLLAWALPSSLRLGAAQETEDPACCSPVPRNEWKALASECAQHLSLPLRY VVVSHTAGSSCNTP ASCQQQARNVQHYHMKTLGWCDVGYNFLIGEDGLVYEGRG WNFTGAHSGHLWNPMSIGISFMGNMMDRVP TPQAIRAAQGLLACGVAQGALRSNYVLKGHRDVQRTLSPGNQLYHLIQNWPHYRSP TRTRPLEQKLISEEDLAANDILDYKDDDDKV
<b>Purity</b>	> 80% as determined by SDS-PAGE and Coomassie blue staining.

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<b>Stability</b>	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
<b>Storage</b>	Store at -80 centigrade.
<b>Concentration</b>	>50 ug/mL as determined by microplate BCA method.
<b>Preparation</b>	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
<b>Protein Families</b>	Druggable Genome, Secreted Protein
<b>Full Length</b>	Full L.

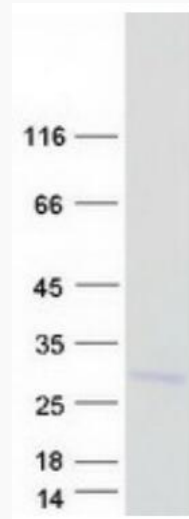
## GENE INFORMATION

<b>Gene Name</b>	PGLYRP1 peptidoglycan recognition protein 1 [ Homo sapiens (human) ]
<b>Official Symbol</b>	PGLYRP1
<b>Synonyms</b>	PGRP; TAG7; PGRPS; PGLYRP; PGRP-S; TNFSF3L
<b>Gene ID</b>	8993
<b>mRNA Refseq</b>	NM_005091.3
<b>Protein Refseq</b>	NP_005082.1
<b>MIM</b>	604963
<b>UniProt ID</b>	O75594

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Coomassie blue staining of purified PGLYRP1 protein.

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