

Product datasheet for **TP311040L**

PGRPS (PGLYRP1) (NM_005091) Human Recombinant Protein

Product data:

Product Type: Recombinant Proteins

Description: Recombinant protein of human peptidoglycan recognition protein 1 (PGLYRP1), 1 mg

Species: Human

Expression Host: HEK293T

Expression cDNA >RC211040 protein sequence

Clone or AA **Red**=Cloning site **Green**=Tags(s)

Sequence:

MSRRSMLLAWALPSLLRLGAAQETEDPACCSPIVPRNEWKALASECAQHLSLPLRYVVVSHTAGSSCNTP
ASCQQQARNVQHYHMKTLGWCDVGYNFLIGEDGLVYEGRGWNFTGAHSGHLWNPMSIGISFMGNYMDRVP
TPQAIRAAQGLLACGVAQGALRSNYVLKGRDVRQRTLSPGNQLYHLIQNWPHYRSP

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag: C-Myc/DDK

Predicted MW: 21.6 kDa

Concentration: >0.05 µg/µL as determined by microplate BCA method

Purity: > 80% as determined by SDS-PAGE and Coomassie blue staining

Buffer: 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol

Preparation: Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.

Note: For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.

Storage: Store at -80°C.

Stability: Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.

RefSeq: [NP_005082](#)

Locus ID: 8993

UniProt ID: [O75594](#)

RefSeq Size: 972



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Cytogenetics: 19q13.32

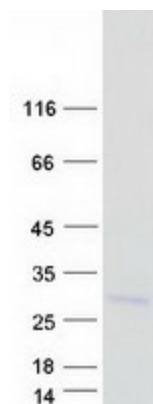
RefSeq ORF: 588

Synonyms: PGLYRP; PGRP; PGRP-S; PGRPS; TAG7; TNFSF3L

Summary: 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.[UniProtKB/Swiss-Prot Function]

Protein Families: Druggable Genome, Secreted Protein

Product images:



Coomassie blue staining of purified PGLYRP1 protein (Cat# [TP311040]). The protein was produced from HEK293T cells transfected with PGLYRP1 cDNA clone (Cat# [RC211040]) using MegaTran 2.0 (Cat# [TT210002]).