

Recombinant Mouse Pglyrp1 Protein, Myc/DDK-tagged

Cat. No. Pglyrp1-4821M Lot. No. (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length peptidoglycan recognition protein 1 (cDNA clone MGC:11430 IMAGE:3969014), complete cds, with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	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. Involved in innate immunity. May function in intracellular killing of bacteria. The soluble form triggers apoptosis in vitro.
Molecular Mass	20.5 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.
Concentration	>50 µg/mL as determined by microplate BCA method

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Storage Buffer 25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

GENE INFORMATION

Gene Name Pglyrp1 peptidoglycan recognition protein 1 [Mus musculus (house mouse)]

Official Symbol Pglyrp1

Synonyms Pglyrp1; peptidoglycan recognition protein 1; PG; Tag; Tas; PGRP; Tag7; Tnfs; Tasg7; PGRP-S; Pglyrp; Tnfsf3l; peptidoglycan recognition protein 1; cytokine tag7

Gene ID 21946

mRNA Refseq NM_009402

Protein Refseq NP_033428

UniProt ID O88593

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