

Product datasheet for **TP501655**

Pglyrp1 (BC005582) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse peptidoglycan recognition protein 1 (cDNA clone MGC:11430 IMAGE:3969014), complete cds, with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR201655 protein sequence Red =Cloning site Green =Tags(s) MLFACALLALLGLATSCSFIVPRSEWRALPSECSSRLGHPVRYVVISHTAGSFCNSPDSCEQQARNVQHY HKNELGWCDVAYNFLIGEDGHVYEGRGWNIKGDHTGPIWNPMSIGITFMGNFMDRVPKRALRAALNLLLE CGVSRGFLRSNYEVKGHHRDVQSTLSPGDQLYQVIQSWEHYRE TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-MYC/DDK
Predicted MW:	20.5 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
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 after receiving vials.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Locus ID:	21946
UniProt ID:	O88593
RefSeq Size:	713
Cytogenetics:	7 A3



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RefSeq ORF: 546

Synonyms: Pglyrp, PGRP, Tag7, PGRP-S

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. Involved in innate immunity. May function in intracellular killing of bacteria. The soluble form triggers apoptosis in vitro.[UniProtKB/Swiss-Prot Function]