

Product datasheet for **TP519045**

Pglyrp4 (NM_001165968) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse peptidoglycan recognition protein 4 (Pglyrp4), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR219045 representing NM_001165968 Red =Cloning site Green =Tags(s)

MLSWLLVFSILVLLAQGVSSWENPQTDQVSEGLQQFLGNISQLFEKGILGRDDVFTMVSREEWGAEAIGC
SSKLSRPVDLVIHHIPGLECHNKTVC SQKLRELQAYHIHNSWCDVAYNFLVGDDGRVYEGVGWNVQGS
DQGYKNISLGVAFSGTQEGHSPVALS AMKGLISYAVKKGHLSSKYIQPLAKSEDCLVPPQK GKQKKA
ACPHIVPRSVWGARD SHCSRMTLPAKYA IILHTAGRTCSQPDECRLLVRDLQSFFMNRLNACDIGYNFLV
GQDGGVYEGVGWNNQGSKTDSYNDISLITFMGTFTGSPNAAALEAAQDLIRCAVVKGYLTPNYLLMGH
SDVSNTLSPGQALYNIKTWPHFKH

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-MYC/DDK
Predicted MW:	41.3 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.
RefSeq:	NP_001159440
Locus ID:	384997
UniProt ID:	B7ZMZ4



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RefSeq Size: 2229

Cytogenetics: 3 F1

RefSeq ORF: 1125

Synonyms: Gm413; Gm1478

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 (By similarity).[UniProtKB/Swiss-Prot Function]