

Product datasheet for **TP324039L**

PGRP1B (PGLYRP4) (NM_020393) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Homo sapiens peptidoglycan recognition protein 4 (PGLYRP4), 1 mg
Species:	Human
Expression Host:	HEK293T
Expression cDNA	>RC224039 representing NM_020393
Clone or AA Sequence:	Red=Cloning site Green=Tags(s)

MLPWLLVFSALGIQAWGDSSWNKTQAKQVSEGLQYLFENISQLTEKGLPTDVSTTVSRKAWGAEAVGCSI
QLTTPVNVLVIIHVPGLECHDQTVCSQRLRELQAHHVHNNSGCDVAYNFLVGGDGRVYEGVGWNIQGVHT
QGYNISLGFAGFGTKKGHSPSPAALSAMENLITYAVQKGLHSSSYVQPLLKGGENCLAPRQKTSKKAC
PGVVPRSVWGARETHCPRMTLPAKYGIIIHTAGRTCNISDECRLLRDIQSFYIDRLKSCDIGYNFLVGQ
DGAIEYEGVGNVQGSSTPGYDDIALGITFMGFTGIPPNAAAEEAAQDLIQCAMVKGYLTPNYLLVGHSD
VARTLSPGQALYNIISTWPHFKH

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

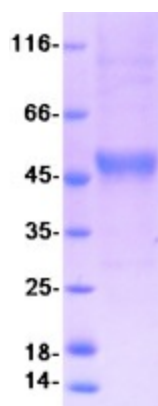
Tag:	C-Myc/DDK
Predicted MW:	38.7 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity 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_065126



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Locus ID:	57115
UniProt ID:	Q96LB8
RefSeq Size:	1853
Cytogenetics:	1q21.3
RefSeq ORF:	1119
Synonyms:	PGLYRPIbeta; PGRP-Ibeta; PGRPIB; SBBI67
Summary:	Summary: This gene encodes a peptidoglycan recognition protein, which belongs to the N-acetylmuramoyl-L-alanine amidase 2 family. These proteins are part of the innate immune system and recognize peptidoglycan, a ubiquitous component of bacterial cell walls. This antimicrobial protein binds to murein peptidoglycans of Gram-positive bacteria. [provided by RefSeq, Oct 2014]
Protein Families:	Druggable Genome

Product images:



Coomassie blue staining of purified PGLYRP4 protein (Cat# [TP324039]). The protein was produced from HEK293T cells transfected with PGLYRP4 cDNA clone (Cat# [RC224039]) using MegaTran 2.0 (Cat# [TT210002]).