

Recombinant Full Length Human PGLYRP4 Protein, C-Flag-tagged

Cat. No. PGLYRP4-616HFL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human PGLYRP4 Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells.
Species	Human
Source	Mammalian Cells
Description	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.
Form	25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	38.7 kDa
AA Sequence	MLPWLLVFSALGIQAWGDSSWNKTQAKQVSEGLQYLFENISQLTEKGLPTDVSTTV SRKAWGAEAVGCSI QLTPVNVLVIIHHVPGLECHDQTVCSQRLRELQAHVHNNS GCDVAYNFLVGDDGRVYEGVGWNIQGVHT QGYNNISLGFAFFGTKKGHSPSPAAL SAMENLITYAVQKGHLSSSYVQPLLKGGENCLAPRQKTSKKAC PGVVPRSVWGA RETHCPRMTLPAKYGIIIHTAGRTCNISDECRLLVRDIQSFYIDRLKSCDIGYNFLVGQ DGAIEGVGWNVQGSSTPGYDDIALGITFMGTFTGIPPNAAALEAAQDLIQCAMVKG YLTPNYLLVGHS

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	VARTLSPGQALYNIISTWPHFKHTRTRPLEQKLISEEDLAANDILDYKDDDDKV
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.
Concentration	>50 ug/mL as determined by microplate BCA method.
Preparation	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Protein Families	Druggable Genome
Full Length	Full L.

GENE INFORMATION

Gene Name	PGLYRP4 peptidoglycan recognition protein 4 [Homo sapiens (human)]
Official Symbol	PGLYRP4
Synonyms	PGRPIB; SBBI67; PGRP-Ibeta; PGLYRPIbeta
Gene ID	57115
mRNA Refseq	NM_020393.4
Protein Refseq	NP_065126.2

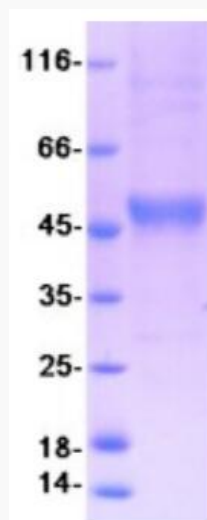
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MIM 608198

UniProt ID Q96LB8



Coomassie blue staining of purified PGLYRP4 protein.

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