Active Recombinant Full Length Human PGLYRP2 Protein, C-Flag-tagged

Cat. No. PGLYRP2-87HFL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human PGLYRP2 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. This protein hydrolyzes the link between N-acetylmuramoyl residues and L-amino acid residues in bacterial cell wall glycopeptides, and thus may play a scavenger role by digesting biologically active peptidoglycan into biologically inactive fragments.
Form	25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Bio-activity	Cell treatment
Molecular Mass	62 kDa
AA Sequence	MAQGVLWILLGLLLWSDPGTASLPLLMDSVIQALAELEQKVPAAKTRHTASAWLMSA PNSGPHNRLYHFL LGAWSLNATELDPCPLSPELLGLTKEVARHDVREGKEYGVVLA PDGSTVAVEPLLAGLEAGLQGRRVINL PLDSMAAPWETGDTFPDVVAIAPDVRATS SPGLRDGSPDVTTADIGANTPDATKGCPDVQASLPDAKAKS PPTMVDSLLAVTLAG NLGLTFLRGSQTQSHPDLGTEGCWDQLSAPRTFTLLDPKASLLTMAFLNGALDGV I

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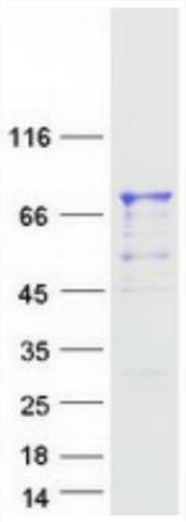
	LGDYLSRTPEPRPSLSHLLSQYYGAGVARDPGFRSNFRRQNGAALTSASILAQQVW GTLVLLQRLEPVH LQLQCMSQEQLAQVAANATKEFTEAFLGCPAIHPRCRWGAAPY RGRPKLLQLPLGFLYVHHTYVPAPPCT DFTRCAANMRSMQRYHQDTQGWGDIGY SFVVGSDGYVYEGRGWHWVGAHTLGHNSRGFGVAIVGNYTAAL PTEAALRTVRDT LPSCAVRAGLLRPDYALLGHRQLVRTDCPGDALFDLLRTWPHFTATVKPRPARSVS KR SRREPPPRTLPATDLQTRTRPLEQKLISEEDLAANDILDYKDDDDKV
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, Secreted Protein
Full Length	Full L.

GENE INFORMATION

Gene Name	PGLYRP2 peptidoglycan recognition protein 2 [Homo sapiens (human)]
Official Symbol	PGLYRP2
Synonyms	tagL; PGRPL; PGRP-L; PGLYRPL; HMFT0141; TAGL-like; tagl-beta; tagL-alpha

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Gene ID	114770
mRNA Refseq	NM_052890.4
Protein Refseq	NP_443122.3
MIM	608199
UniProt ID	Q96PD5



Coomassie blue staining of purified PGLYRP2 protein.

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