

Recombinant Human PGLYRP3 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. PGLYRP3-5442H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	PGLYRP3 MS Standard C13 and N15-labeled recombinant protein (NP_443123) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
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.
Molecular Mass	37.6 kDa
AA Sequence	MGTLPWLLAFFILGLQAWDTPTIVSRKEWGARPLACRALLTLPVAYIITDQLPGMQC QQQSVCSQMLRGLQSHSVYTIGWCDVAYNFLVGDDGRVYEGVGWNIQGLHTQGY NNISLGIAFFGNKIGSSPSAALSAAEGLISYAIQKGHLSPRYIQPLLLKEETCLDPQHP VMPRKVC PNIIKRSARETHCPKMNLPAKYVIIIHTAGTSCVSTDCQTVVRNIQS FHMDTRNFCDIGYHFLVGQDGGVYEGVGWHIQGSHTYGFNDIALGIAFIGYFVEKPP NAAALEAAQDLIQCAVVEGYLTPNYLLMGHSDVVNILSPGQALYNIISTWPHFKHTRT RPLEQKLISEEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining

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Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 µg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.
GENE INFORMATION	
Gene Name	PGLYRP3 peptidoglycan recognition protein 3 [Homo sapiens (human)]
Official Symbol	PGLYRP3
Synonyms	PGLYRP3; peptidoglycan recognition protein 3; peptidoglycan recognition protein I alpha precursor; PGLYRP1alpha; PGRP Ialpha; PGRPIA; PGRP-I-alpha; peptidoglycan recognition protein I alpha; peptidoglycan recognition protein I-alpha; peptidoglycan recognition protein-I-alpha; peptidoglycan recognition protein intermediate alpha; PGRP-Ialpha; MGC149197;
Gene ID	114771
mRNA Refseq	NM_052891
Protein Refseq	NP_443123
MIM	608197
UniProt ID	Q96LB9

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SDS-PAGE

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