

Recombinant Human PGLYRP2 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. PGLYRP2-1490H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	PGLYRP2 MS Standard C13 and N15-labeled recombinant protein (NP_443122) 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. 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.
Molecular Mass	62 kDa
AA Sequence	MAQGVLLWILLGLLLWSDPGTASPLLLMDSVIQALAELEQKVPAAKTRHTASAWLMSA PNSGPHNRLYHFLLGAWSLNATELDPCLSPELLGLTKEVARHADVREGKEYGVVLA PDGSTVAVEPLLAGEAGLQGRRVINLPLDSMAAPWETGDTFPDVVAIAPDVRATSS PGLRDGSPDVTTADIGANTPDATKGCPDVQASLPDAKAKSPPTMVDSLLAVTLAGN LGLTFLRGSQTQSHPDLGTEGCWDQLSAPRTFTLLDPKASLLTMAFLNGALDGVILG DYLSRTPEPRPSLSHLLSQYYGAGVARDPGFRSNFRRQNGAALTSASILAQQVWGT LVLLQRLEPVHLQLQCMSQEQLAQVAANATKEFTEAFLGCPAHPRCRWGAAPYRG RPKLLQLPLGFLYVHHTYVPAPPCTDFTRCAANMRSMQRYHQDTQGWGDIGYSFV

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

VGSDGYVYEGRGWHWVGAHTLGHNSRGFGVAIVGNYTAALPTEAALRTVRDTLPS
CAVRAGLLRPDYALLGHRQLVRTDCPGDALFDLLRTWPHFTATVKPRPARSVSKRS
RREPPPTLTPATDLQTRTRPLEQKLISEEDLAANDILDYKDDDDKV

Purity > 80% as determined by SDS-PAGE and Coomassie blue staining

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 PGLYRP2 peptidoglycan recognition protein 2 [Homo sapiens (human)]

Official Symbol PGLYRP2

Synonyms PGLYRP2; peptidoglycan recognition protein 2; N-acetylmuramoyl-L-alanine amidase; N acetylmuramoyl L alanine amidase; peptidoglycan recognition protein L precursor; peptidoglycan recognition protein like; PGLYRPL; PGRP L; PGRPL; tagL; tagL alpha; tagl beta; TAGL like; peptidoglycan recognition protein L; peptidoglycan recognition protein long; PGRP-L; HMFT0141; TAGL-like; tagl-beta; tagL-alpha;

Gene ID 114770

mRNA Refseq NM_052890

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Protein Refseq NP_443122

MIM 608199

UniProt ID Q96PD5

SDS-PAGE



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