

Product datasheet for PH315773

PGRPL (PGLYRP2) (NM_052890) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	PGLYRP2 MS Standard C13 and N15-labeled recombinant protein (NP_443122)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC215773
Predicted MW:	62 kDa
Protein Sequence:	>RC215773 representing NM_052890 Red=Cloning site Green=Tags(s)

MAQGVLLWLLGLLLWSDPGTASLPLLMDSVIQALAELEQKVPAKTRHTASAWLMSAPNSGPHNRLYHFL
LGAWSLNATELDPCPLSPELLGLTKEVARHDVREGKEYGVVLPDVGSTVAVEPLLAGLEAGLQGRRVINL
PLDSMAAPWETGDTFPDVVAIAPDV RATSSPGLRDGSPDVTTADIGANTPDATKGC PDVQASLPDAKAKS
PPTMVDSLLAVTLAGNLGLTFLRGSQTQSHPD LGTEGCWDQLSAPRTFTLLDPKASLLTMAFLNGALDGV
ILGDYLSRTPEPRPSLSHLLSQYYGAGVARDPGFRSNFRRQNGAALTSASILAQQVWGTLVLLQRLEPVH
LQLQCMSQEQLAQVAANATKEFTEAFLGCPAIHPRCRWGAAPYRGRPKLLQLPLGFLYVHHTYVPAPPCT
DFTRCAANMRSMQRYHQDTQGWGDIGYSFVVGSDGYVYEGRGWHWVGAHTLGHNSRGFGVAIVGNYTAAL
PTEAALRTVVRTLPSCAVRAGLLRPDYALLGHRQLVRTDCPGDALFDLLRTWPHFTATVKPRPARSVSKR
SRREPPRRTL PATDLQ

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- 13C6, 15N4]-L-Arginine and [U- 13C6, 15N2]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	<u>NP_443122</u>
RefSeq Size:	1901
RefSeq ORF:	1728



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Synonyms: HMFT0141; PGLYRPL; PGRP-L; PGRPL; tagL; tagL-alpha; tagL-beta; TAGL-like

Locus ID: 114770

UniProt ID: [Q96PD5](#)

Cytogenetics: 19p13.12

Summary: 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. [provided by RefSeq, Sep 2011]

Protein Families: Druggable Genome, Secreted Protein

Product images:



Coomassie blue staining of purified PGLYRP2 protein (Cat# [TP315773]). The protein was produced from HEK293T cells transfected with PGLYRP2 cDNA clone (Cat# [RC215773]) using MegaTran 2.0 (Cat# [TT210002]).