

Product datasheet for PH310220

PGRP1A (PGLYRP3) (NM_052891) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	PGLYRP3 MS Standard C13 and N15-labeled recombinant protein (NP_443123)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC210220
Predicted MW:	37.6 kDa
Protein Sequence:	>RC210220 protein sequence Red=Cloning site Green=Tags(s)

MGTLPWLLAFFILGLQAWDTPTIVSRKEWGARPLACRALLTLPVAYIITDQLPGMQCQQQSVCSQMLRGL
QSHSVYTIWCDVAYNFLVGDDGRVYEGVGNIQGLHTQGYNNISLGIAFFGNKIGSSPSAALSAAEGL
ISYAIQKGHLSPRYIQPLLLKEETCLDPQHPVMPKVCNPNIKRSARETHCPKMNLPAKYVIIHTA
GTSCTVSTDCQTVVRNIQSFHMDTRNFCDIGYHFLVGQDGGVYEGVGHIIQGSHTYGFNDIALGIAFIGY
FVEKPPNAAALEAAQDLIQCAVVEGYLTPNYLLMGHSDVVNILSPGQALYNIISTWPHFKH

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- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-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:	NP_443123
RefSeq Size:	1173
RefSeq ORF:	1023
Synonyms:	PGLYRP1alpha; PGRP-1alpha; PGRPIA
Locus ID:	114771



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UniProt ID: [Q96LB9](#)

Cytogenetics: 1q21.3

Summary: 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. [provided by RefSeq, Oct 2014]

Protein Families: Druggable Genome

Product images:



Coomassie blue staining of purified PGLYRP3 protein (Cat# [TP310220]). The protein was produced from HEK293T cells transfected with PGLYRP3 cDNA clone (Cat# [RC210220]) using MegaTran 2.0 (Cat# [TT210002]).