

## **Product datasheet for PH310220**

### OriGene Technologies, Inc.

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## 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:HumanExpression Host:HEK293

Expression cDNA Clone

RC210220

or AA Sequence: Predicted MW:

37.6 kDa

Protein Sequence: >RC210220 protein sequence

Red=Cloning site Green=Tags(s)

MGTLPWLLAFFILGLQAWDTPTIVSRKEWGARPLACRALLTLPVAYIITDQLPGMQCQQQSVCSQMLRGLQSHSVYTIGWCDVAYNFLVGDDGRVYEGVGWNIQGLHTQGYNNISLGIAFFGNKIGSSPSPAALSAAEGLISYAIQKGHLSPRYIQPLLLKEETCLDPQHPVMPRKVCPNIIKRSAWEARETHCPKMNLPAKYVIIIHTAGTSCTVSTDCQTVVRNIQSFHMDTRNFCDIGYHFLVGQDGGVYEGVGWHIQGSHTYGFNDIALGIAFIGY

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- 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:** NP 443123

RefSeq Size: 1173 RefSeq ORF: 1023

Synonyms: PGLYRPIalpha; PGRP-Ialpha; PGRPIA

Locus ID: 114771



#### PGRP1A (PGLYRP3) (NM\_052891) Human Mass Spec Standard - PH310220

UniProt ID: Q96LB9

Cytogenetics: 1q21.3

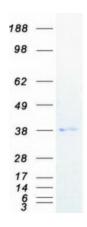
Summary: This gene encodes a peptidoglycan recognition protein, which belongs to the N-

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]).