

Product datasheet for **TP310220M**

PGRP1A (PGLYRP3) (NM_052891) Human Recombinant Protein

Product data:

Product Type: Recombinant Proteins

Description: Recombinant protein of human peptidoglycan recognition protein 3 (PGLYRP3), 100 µg

Species: Human

Expression Host: HEK293T

**Expression cDNA Clone
or AA Sequence:** >RC210220 protein sequence
Red=Cloning site **Green**=Tags(s)

MGTLPWLLAFFILGLQAWDPTIVSRKEWGARPLACRALLTLPVAYITDQLPGMQCQQQSVCSQMLRGL
QSHSVYTIGWCDVAYNFLVGDDGRVYEGVGWNIQGLHTQGYNNISLGIAFFGNKIGSSPSAALSAEGL
ISYAIQKGHLSPRYIQPLLLKEETCLDPQHPVMPRKVCPNIIKRSARETHC PKMNLPAKYVIIIHTA
GTSCTVSTDCQTVVRNIQSFHMDTRNFCDIGYHFLVGQDGGVYEGVGVWHIQGSHTYGFNDIALGIAFIGY
FVEKPPNAAALEAAQDLIQCAWEGYLTPNYLLMGHSDVWNILSPGQALYNIISTWPHFKH

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag: C-Myc/DDK

Predicted MW: 35.7 kDa

Concentration: >0.05 µg/µL as determined by microplate BCA method

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

Buffer: 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol

Preparation: Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.

Note: For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.

Storage: Store at -80°C.

Stability: Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.

RefSeq: [NP_443123](#)

Locus ID: 114771



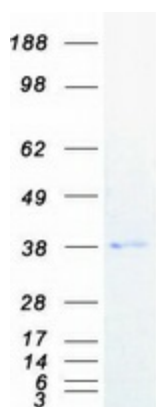
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UniProt ID: [Q96LB9](#)
RefSeq Size: 1173
Cytogenetics: 1q21.3
RefSeq ORF: 1023
Synonyms: PGLYRP1alpha; PGRP-1alpha; PGRPIA

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]).