

## Product datasheet for **TP310220L**

### **PGRP1A (PGLYRP3) (NM\_052891) Human Recombinant Protein**

#### Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human peptidoglycan recognition protein 3 (PGLYRP3), 1 mg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC210220 protein sequence <b>Red</b> =Cloning site <b>Green</b> =Tags(s)

MGTLPWLLAFFILGLQAWDPTIVSRKEWGARPLACRALLTLPVAYITDQLPGMQCQQQSVCSQMLRGL  
QSHSVYTIGWCDVAYNFLVGDDGRVYEGVGWNIQGLHTQGYNNISLGIAFFGNKIGSSPSAALSAAEGL  
ISYAIQKGHLSPRYIQPLLLKEETCLDPQHPVMPRKVCPNIIKRSARETHCPCMMNLPKAVVIIIHTA  
GTSCTVSTDCQTVVRNIQSFHMDTRNFCDIGYHFLVGQDGGVYEGVGVWHIQGSHTYGFNDIALGIAFIGY  
FVEKPPNAAAEEAAQDLIQCAWVEGYLTPNYLLMGHSDVWNILSPGQALYNIISTWPHFKH

**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:	<u><a href="#">NP_443123</a></u>
Locus ID:	114771



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UniProt ID: [Q96LB9](#)

RefSeq Size: 1173

Cytogenetics: 1q21.3

RefSeq ORF: 1023

Synonyms: PGLYRPIalpha; PGRP-Ialpha; 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]).