

Product datasheet for TP310220L

OriGene Technologies, Inc.

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

MGTLPWLLAFFILGLQAWDTPTIVSRKEWGARPLACRALLTLPVAYIITDQLPGMQCQQQSVCSQMLRGL QSHSVYTIGWCDVAYNFLVGDDGRVYEGVGWNIQGLHTQGYNNISLGIAFFGNKIGSSPSPAALSAAEGL ISYAIQKGHLSPRYIQPLLLKEETCLDPQHPVMPRKVCPNIIKRSAWEARETHCPKMNLPAKYVIIIHTA GTSCTVSTDCQTVVRNIQSFHMDTRNFCDIGYHFLVGQDGGVYEGVGWHIQGSHTYGFNDIALGIAFIGY

FVEKPPNAAALEAAQDLIQCAVVEGYLTPNYLLMGHSDVVNILSPGQALYNIISTWPHFKH

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



PGRP1A (PGLYRP3) (NM_052891) Human Recombinant Protein - TP310220L

UniProt ID: Q96LB9 1173 RefSeq Size: Cytogenetics: 1q21.3 RefSeq ORF: 1023

Synonyms: PGLYRPIalpha; PGRP-Ialpha; PGRPIA

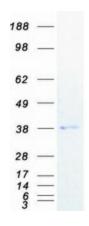
Summary: This gene encodes a peptidoglycan recognition protein, which belongs to the N-

> 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]).