

Product datasheet for **SC305687**

PGRP1A (PGLYRP3) (NM_052891) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	PGRP1A (PGLYRP3) (NM_052891) Human Untagged Clone
Tag:	Tag Free
Symbol:	PGRP1A
Synonyms:	PGLYRP1alpha; PGRP-1alpha; PGRPIA
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Restriction Sites:	Please inquire
ACCN:	NM_052891
Insert Size:	1100 bp
OTI Disclaimer:	Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
OTI Annotation:	The ORF of this clone has been fully sequenced and found to be a perfect match to NM_052891.1.
Components:	The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).
Reconstitution Method:	<ol style="list-style-type: none">1. Centrifuge at 5,000xg for 5min.2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.3. Close the tube and incubate for 10 minutes at room temperature.4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.
RefSeq:	<u>NM_052891.1</u> , <u>NP_443123.1</u>



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RefSeq Size: 1173 bp

RefSeq ORF: 1026 bp

Locus ID: 114771

UniProt ID: [Q96LB9](#)

Cytogenetics: 1q21.3

Protein Families: Druggable Genome

Gene 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]