

## Product datasheet for **SC304757**

### **PGRP1B (PGLYRP4) (NM\_020393) Human Untagged Clone**

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** PGRP1B (PGLYRP4) (NM\_020393) Human Untagged Clone  
**Tag:** Tag Free  
**Symbol:** PGRP1B  
**Synonyms:** PGLYRPIbeta; PGRP-Ibeta; PGRP1B; SBBI67  
**Mammalian Cell Selection:** None  
**Vector:** [pCMV6-XL5](#)  
**E. coli Selection:** Ampicillin (100 ug/mL)

**Fully Sequenced ORF:** >OriGene sequence for NM\_020393 edited  
GCTGCCATCCACACTCTCCAGATTGGTGTCTCCTGGGACCACGTGGGGATGCTGCCGTGGCT  
TCTTGTCTTCTCTGCTCTGGGTCTCCAGGCTGGGGTGATTCTCTGGAACAAAACACA  
AGCTAAACAGGTATCAGAGGGGCTCCAGTACCTATTTGAGAACATCTCCAGCTCACTGA  
AAAAGGCCTTCCACAGATGTCTCCACCACGGTCTCTCGCAAGGCATGGGGGGCAGAAGC  
TGTGGCTGCAGTATTCAGCTGACCACGCCAGTGAATGTCCTTGTATACACCATGTCCC  
TGGACTGGAGTGTACGACCAGACAGTCTGCAGCCAGAGACTGCGGGAAGTGCAGGCCCA  
TCATGTCCACAACAACAGTGGGTGTGATGTGGCCTACAACCTTCTGGTTGGGGATGATGG  
CAGGGTGTATGAAGGTGTGGCTGGAATATCCAAGGAGTGCACACCCAAGGCTACAACAA  
CATCTCCCTGGGCTTTGCCTTCTCGGCTAAGAAAGGCCACAGTCCCAGCCCTGCTGC  
CCTGTCCGCCATGAAAACCTAATCACCTATGCTGTCCAGAAGGGCCACCTGTCATCCAG  
TTATGTTCAAGCACTTCTTGTGAAAGGCGAGAAGTGCCTGGCCCTCGGCAGAAGACAAG  
CCTGAAGAAGGCTTGCCCGGCGTTGTCCACGGTCTGTGTGGGGAGCCAGGGAGACCCA  
CTGTCCCAGGATGACTCTCCAGCGAAGTATGGCATCATTATCCACACTGCCGGGAGGAC  
CTGCAACATTTCTGATGAGTGCCGCTGCTGGTCCGGGACATCCAGTCTTTCTACATAGA  
CAGGCTCAAGTCAATGCGACATTGGTTATAACTTCTGGTGGGCCAGGATGGGCCCATTTA  
TGAAGGGTGGGCTGGAATGTCCAAGGCTCCTCCACCCCTGGCTACGATGACATTGCCCT  
GGGCATTACCTTCATGGGCACCTTACAGGTATACCACCAATGCTGCAGCACTAGAGGC  
AGCCCAAGACCTGATCCAGTGTGCCATGGTCAAAGGGTACCTGACTCCCAACTACCTGCT  
GGTGGCCACAGTGTGAGGCGAACCTTGTCTCCTGGGCAGGCTTTGTACAACATCAT  
CAGCACCTGGCCTCATTTCAAACACTGAGAGAAGCCCCAGGTCCTTCTGAGACTGCTTTC  
CCTCCCCTGTGAGTCTCTCCTGTCTAACCATCCAGCTTGGCTCAACACCTTTTGCCT  
CCTCCCCTGCCACACAGTCTGTGCTCCTTTTTCAGGTTGGGATGATCATGCCCTCTCC  
TGCCAACATCCTCAAGGGCCTCCAAACCTCATAGCTGGACATTCACAGCCCTCTGAGTC  
TGAGTCCAGATTTCTTCTCCTTACCTTCTCCTTCCCTTGGAAACCAACTCCTCAGCCA  
GGTGAGACAATGGGCT



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<b>Restriction Sites:</b>	Please inquire
<b>ACCN:</b>	NM_020393
<b>Insert Size:</b>	1500 bp
<b>OTI Disclaimer:</b>	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).
<b>OTI Annotation:</b>	The ORF of this clone has been fully sequenced and found to contain 2 SNPs compared with NM_020393.2.
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<a href="#">NM_020393.2</a> , <a href="#">NP_065126.2</a>
<b>RefSeq Size:</b>	1853 bp
<b>RefSeq ORF:</b>	1122 bp
<b>Locus ID:</b>	57115
<b>UniProt ID:</b>	<a href="#">Q96LB8</a>
<b>Cytogenetics:</b>	1q21.3
<b>Protein Families:</b>	Druggable Genome
<b>Gene Summary:</b>	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]