

## Product datasheet for **SC301280**

### REG3G (NM\_001008387) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	REG3G (NM_001008387) Human Untagged Clone
Tag:	Tag Free
Symbol:	REG3G
Synonyms:	LPPM429; PAP-1B; PAP1B; PAP IB; PAPIB; REG-III; REG III; UNQ429
Mammalian Cell Selection:	None
Vector:	<u><a href="#">pCMV6-XL5</a></u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene sequence for NM_001008387 edited CCCAGTCTTTGCTGACCAGACAAAGCATACCAGATCTCACCAGAGAGTCGCAGACTAT GCTGCCTCCCATGGCCCTGCCAGTGTGTCCTGGATGCTGCTTTTCTGCCTCATTCTCCT GTGTCAGGTTCAAGGTGAAGAAACCAGAAGGAAGTCCCTCTCCACGGATCAGCTGTCC CAAAGGCTCCAAGGCCTATGGCTCCCCCTGCTATGCCTTGTTTTGTACCAAAAATCCTG GATGGATGCAGATCTGGCTTGCCAGAAGCGGCCCTCTGGAAAAGTGGTGTCTGTGCTCAG TGGGGCTGAGGGATCCTTCGTGCTCCTCCCTGGTGGAGCATTAGTAACAGCTACTCATA CATCTGGATTGGGCTCCATGACCCACACAGGGCTCTGAGCCTGATGGAGATGGATGGGA GTGGAGTAGCACTGATGTGATGAATTACTTTGCATGGGAGAAAAATCCCTCCACCATCTT AAACCCTGGCCACTGTGGGAGCCTGTCAAGAAGCACAGGATTTCTGAAGTGGAAAGATTA TAACTGTGATGCAAAGTTACCCTATGTCTGCAAGTTCAAGGACTAGGGCAGGTGGGAAGT CAGCAGCCTCAGCT
Restriction Sites:	Please inquire
ACCN:	NM_001008387
Insert Size:	600 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_001008387.1.



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<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>	<u><a href="#">NM_001008387.1</a></u> , <u><a href="#">NP_001008388.1</a></u>
<b>RefSeq Size:</b>	947 bp
<b>RefSeq ORF:</b>	528 bp
<b>Locus ID:</b>	130120
<b>UniProt ID:</b>	<u><a href="#">Q6UW15</a></u>
<b>Cytogenetics:</b>	2p12
<b>Protein Families:</b>	Secreted Protein
<b>Gene Summary:</b>	<p>This gene encodes a member of the regenerating islet-derived genes (REG)3 protein family. These proteins are secreted, C-type lectins with a carbohydrate recognition domain and N-terminal signal peptide. The protein encoded by this gene is an antimicrobial lectin with activity against Gram-positive bacteria. Alternative splicing results in multiple transcript variants encoding multiple isoforms. [provided by RefSeq, Nov 2014]</p> <p>Transcript Variant: This variant (1) represents the longest transcript and encodes the longer isoform (1). Variants 1 and 2 encode the same isoform.</p>