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Product datasheet for SC332905

REG3G (NM_001270040) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	REG3G (NM_001270040) Human Untagged Clone
Tag:	Tag Free
Symbol:	REG3G
Synonyms:	LPPM429; PAP-1B; PAP1B; PAP IB; PAPIB; REG-III; REG III; UNQ429
Vector:	pCMV6-Entry (PS100001)
Fully Sequenced ORF:	>SC332905 representing NM_001270040. Blue=Insert sequence Red=Cloning site Green=Tag(s) ATGCTGCCTCCCATGGCCCTGCCCAGTGTGTCCTGGATGCTGCTTTCCTGCCTCATTCTCCTGTGTCAG GTTCAAGGTGAAGAAACCCAGAAGGAACTGCCCTCTCCACGGATCAGCTGTCCCAAAGGCTCCAAGGCC TATGGCTCCCCCTGCTATGCCTTGTTTTTGTCACCAAAATCCTGGATGGATGCAGATGGCTCTGAGCCT GATGGAGATGGATGGGAGTGGAGTAGCACTGATGTGATGAATTACTTTGCATGGGAGAAAAATCCCTCC ACCATCTTAAACCCTGGCCACTGTGGGAGCCTGTCAAGAAGCACAGGATTTCTGAAGTGGAAAGATTAT AACTGTGATGCAAAGTTACCCTATGTCTGCAAGTTCAAGGACTAG
Restriction Sites:	SgfI-MluI
ACCN:	NM_001270040
Insert Size:	390 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).
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:	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.

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RefSeq:	NM_001270040.1
RefSeq Size:	817 bp
RefSeq ORF:	390 bp
Locus ID:	130120
UniProt ID:	Q6UW15
Cytogenetics:	2p12
Protein Families:	Secreted Protein
MW:	14.4 kDa
Gene Summary:	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] Transcript Variant: This variant (3) lacks an alternate in-frame exon in the coding region compared to variant 1. It encodes isoform 2 which is shorter compared to isoform 1.