

Product datasheet for **SC109544**

REG3A (NM_002580) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	REG3A (NM_002580) Human Untagged Clone
Tag:	Tag Free
Symbol:	REG3A
Synonyms:	HIP; HIP/PAP; INGAP; PAP; PAP-H; PAP1; PBCGF; REG-III; REG3
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)

Fully Sequenced ORF: >OriGene ORF sequence for NM_002580 edited
 ATGCTGCCTCCCATGGCCCTGCCAGTGTATCTTGGATGCTTTTCTGCCTCATGCTG
 CTGTCTCAGGTTCAAGGTGAAGAACCCAGAGGGAAGTGCCTCTGCACGGATCCGCTG
 CCCAAAGGCTCCAAGGCCTATGGCTCCCACTGCTATGCCTTGTTTTGTACCAAAATCC
 TGGACAGATGCAGATCTGGCCTGCCAGAAGCGGCCCTCTGAAACCTGGTGTCTGTGCTC
 AGTGGGGCTGAGGGATCCTTCGTGCTCCTCCCTGGTGAAGAGCATTGGTAACAGCTACTCA
 TACGTCTGGATTGGGCTCCATGACCCACACAGGGCACCAGCCCAATGGAGAAGGTTGG
 GAGTGGAGTAGCAGTGTGTGATGAATTACTTTGCATGGGAGAGAAATCCCTCCACCATC
 TCAAGCCCGGCCACTGTGCGAGCCTGTCGAGAAGCACAGCATTCTGAGGTGAAAGAT
 TATAACTGTAATGTGAGGTTACCCTATGTCTGCAAGTTCACTGACTAG

5' Read Nucleotide Sequence: >OriGene 5' read for NM_002580 unedited
 GCCGCAATTCGGCACGAGGCCCTCCTCAAGTCGCAGACACTATGCTGCCTCCCATGGCCC
 TGCCAGTGTATCTTGGATGCTGCTTTCTGCCTCATGCTGCTGTCTCAGGTTCAAGGTG
 AAGAACCCAGAGGGAAGTGCCTCTGCACGGATCCGCTGTCCAAAGGCTCCAAGGCCT
 ATGGCTCCCACTGCTATGCCTTGTTTTGTACCAAAATCCTGGACAGATGCAGATCTGG
 CCTGCCAGAAGCGGCCCTCTGAAACCTGGTGTCTGTGCTCAGTGGGGCTGAGGGATCCT
 TCGTGTCTCCCTGGTGAAGAGCATTGGTAACAGCTACTCATACTGCTGGATTGGGCTCC
 ATGACCCACACAGGGCACCAGCCCAATGGAGAAGGTTGGGAGTGGAGTANCAGTGATG
 TGATGAATTACTTTGCATGGGAGAGAAATCCCTCCACCATCTCAAGCCCCGGCCACTGTG
 CGAGCCTGTGAGAAGCACAGCATTCTGAGGTGGAAAGATTATAACTGTAATGTGAGGT
 TACCCTATGTCTGCAAGTTCAGTACTAGTGCAGGAAGGGAAGTCAAGCAGCCCTGTGTTT
 TGGGTGTGCAACTCATATGGGCATGAGACCAGTGTGAGGACTCACCTGNAAGAGATAT
 TCGCTTAATCCCCACCTGACACCTCATTCTATCTTCTGTTCTCCTCCCGCTGTC
 ATTTACAGTCTTCATTTGCT



[View online »](#)

3' Read Nucleotide Sequence:	>OriGene 3' read for NM_002580 unedited NNCTTCTTGNCCGCGGCCGATTCTANATGCAGACTAAAATTTTATTGCTCTTTAAAGCC TTAGGCCGTATGACAAAATGAAGAGACTGAAATGACAGCGGGGAGGAAGAAACAGAAGAA AGATAAGAATGAGGTGGTCAGGTTGGGGGAATTAAGCGAATATTCTCTCCAGGGTGAGT CCTCACACTGGTCTCATGCCCATGATGAGTTGCACACCAACACAGGCTGCTGACTTCCC TCCTGCACTAGTCAGTGAACCTGCAGACATAGGGTAACCTCACATTACAGTTATAATCTT TCCACCTCAGAAAATGCTGTGCTTCTCGACAGGCTCGCACAGTGGCCGGGGCTTGAGATGG TGGAGGGATTCTCTCCATGCAAAGTAATTCATCACATCACTGCTACTCCACTCCCAAC CTTCTCCATTGGGCTCGGTGCCCTGTGTGGGTCATGGAGCCCAATCCAGACGTATGAGT AGCTGTTACCAATGCTCTTACCAGGGAGGACACGAAGGATCCCTCAGCCCCACTGAGCA CAGACACCAGGTTTCCAGAGGGCCGCTTCTGGCAGGCCAGATCTGCATCTGTCCAGGATT NTGGTGACAAAAACAAGGCATAGCAGTGGGAGCCATANGCCTTGGACCCTTTGGGACAGC GGATCCGTGCAGAGGGCAATCCCTCTGGGGTTCTTACCTTGAACCTGAGACAGCACCT GAGGCANGAAAGCAGCATTCAAGATACACTGGGCCAGGCCTTGGGAAGCATCATATTGTC TGGCAGTTTAGGAGGGCTTGTGCCGAATCCCGCCCCCTTTAGTGAATTCGATTTAC AAATTTTAAACGGTTCCTTAAAGGAGCTTTGCTTTTTTGAACCTCCCACGGTACACGCT TACCGCCCTTCGCGGTAACGA
Restriction Sites:	NotI-NotI
ACCN:	NM_002580
Insert Size:	910 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:	<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:	NM_002580.1 , NP_002571.1
RefSeq Size:	807 bp
RefSeq ORF:	528 bp
Locus ID:	5068
UniProt ID:	Q06141
Cytogenetics:	2p12
Domains:	CLECT
Protein Families:	Druggable Genome, Secreted Protein

Gene Summary:

This gene encodes a pancreatic secretory protein that may be involved in cell proliferation or differentiation. It has similarity to the C-type lectin superfamily. The enhanced expression of this gene is observed during pancreatic inflammation and liver carcinogenesis. The mature protein also functions as an antimicrobial protein with antibacterial activity. Alternate splicing results in multiple transcript variants that encode the same protein.[provided by RefSeq, Nov 2014]

Transcript Variant: This variant (1) represents the functional protein. Variants 1, 2 and 3 encode the same protein.