

Product datasheet for **RN200187**

Reg3a (NM_001145846) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Reg3a (NM_001145846) Rat Untagged Clone
Tag: Tag Free
Symbol: Reg3a
Synonyms: Pap2; PapII
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >RN200187 representing NM_001145846
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGCTGCCTCGTCTGTCCTTCAACAATGTGTCCTGGACGCTGCTCTACTACCTGTTTCATATTTTCAGGTAC
GAGGTGAAGACTCCAGAAGGCAGTGCCCTCTACACGAACCAGCTGCCCATGGGCTCCAAGGCTTATCG
TTCTTACTGCTATACCTTGGTCACGACACTCAAATCCTGGTTTCAAGCAGATCTGGCCTGCCAGAAGAGA
CCTTCAGGACACCTTGTGTCTATTCTTAGTGGAGGTGAGGCTTCCTTTGTGTCTTCCCTGGTGACAGGCA
GAGTGAACAACAACCAAGACATCTGGATTGGGCTCCATGATCCAACAATGGGTCAACAACCAATGGAGG
TGGATGGGAGTGGAGTAAGTCTGACGACTGAATTATCTCAACTGGGATGGGGATCCTTCTCTACTGTG
AACCGTGGTAACTGTGGCAGTCTAACAGCTACCTCGGAGTTTCTGAAGTGGGGAGACCATCACTGTGATG
TGAATTACCTTTTGTCTGCAAGTTCAAGCAGTAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001145846
Insert Size: 525 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).



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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_001145846.2</u> , <u>NP_001139318.1</u>
RefSeq Size:	805 bp
RefSeq ORF:	525 bp
Locus ID:	171162
UniProt ID:	<u>P35231</u>
Cytogenetics:	4q33
Gene Summary:	<p>lectin-related secretory protein; overexpressed during the acute phase of pancreatitis [RGD, Feb 2006]</p> <p>Transcript Variant: This variant (2) differs in the 5' UTR compared to variant 1. Both variants 1 and 2 encode the same protein. Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.</p>