

Product datasheet for **RN212821**

Rph3al (NM_133591) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Rph3al (NM_133591) Rat Untagged Clone
Tag: Tag Free
Symbol: Rph3al
Synonyms: Noc2
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >RN212821 representing NM_133591
Red=Cloning site **Blue**=ORF **Orange**=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGGCTGACACCATCTTCAGCAGTGAAATGATCAGTGGGTGTGCCCAACGATCGGCAGCTTGCTCTGA
GAGCCAAGCTGCAGACAGGCTGGTCTGTGCACACATACCAGACGGAGAAGCAGAGGAGGACTCAATGCCT
GAGCCCTGGAGAGGTGGAGGTCATCCTCAGGTCATCCAGAGAGCAGAGCGGCTGGACATCCTGGAGCAG
CAGAGGATTGGGCGGCTGGTGGAGCGGCTGGAGACGATGCAGAAGAACGTGATGGCAATGGTGTCTCCC
AGTGTCTGCTCTGCGGGGAGATGTTGGGATTCCTGGGCAGCTCCTCTGTATTCTGCAAAGACTGCCGGAA
GAAAGTCTGCACCAAGTGTGGGATCGAGGCTTCCCCCGGCCAGAAGCGGCCCTGTGGCTGTGTAAGATC
TGCAGTGAGCAGAGAGAGGTCTGGAAGAGGTGAGGGCCCTGGTTCTACAAAGGGCTCCCCAAGTACATCT
TGCCCCGAAAACCCCTGGCCGGGCTGATGATCCCCACTCCGACCTCTGCCTGTGGAGCCACAGAACC
ACAGCCTCAGAGTGTGAAGTCAGCCGTGTCTACACATGGGCCCGAGGGAGAGTGGTTTCTAGTGACAGT
GACAGTGACTCAGATCTCAGCTCCTCCAGCCTGGAGGACAGACCTATGCCCTCTGGGATCAAGGGCACAA
AATATGACAAGCCTAGAGGGGACTCAGGTGGCAGCATGGAGTCACCCAGGATGGGGCTGCCCGACCGCC
CAGCCATCTTTCTGGCAGCCAGAGCAGCCTGGGCAGTGGAGCAGGGGGCAGGTGCTACAGATCCACAGGGA
GGCACCCTACCCCGCCTGAGCCAGGGTATCCGGCAAAAGGCATACCTGGGCAACTACCCATTACTGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_133591
Insert Size: 909 bp



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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_133591.2 , NP_598275.1
RefSeq Size:	2068 bp
RefSeq ORF:	909 bp
Locus ID:	171123
UniProt ID:	O54880
Cytogenetics:	10q24
Gene Summary:	zinc finger protein; may be involved in regulated exocytosis in endocrine cells [RGD, Feb 2006]