

Product datasheet for **RN203598**

Rpn2 (NM_031698) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Rpn2 (NM_031698) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Rpn2
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN203598 representing NM_031698
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCGCCGCGGGTTCAAGTGCTGTCTTCTGTGGCCCTGACAATCACAGCCAGCACCAGGCTCTGA
 CCCCACCCACTACCTCACCAAGCATGATGTGGAAGACTGAAAGCCTCACTGGATCGCCCTTTCACGAG
 CTTGGAGTCTGCCTTCTACTCCATTGTGGGACTCAACAGCCTTGGGGCACAGGTGCCAGATGTCAAGAAA
 GCGTGTGCCTTCAAGTCAAACCTTGATCCCAGCAACGTGGATTCTCTTCTATGCTGCCAAATCCA
 GCCAAGTCTCTCAGTTGTGAGATATCTGTTTCGAATGAGACCAGAGATCTGCTTCTGGCAGCAGTCAG
 CGAGGACTCCTCCGTTGCCCAAATCTACCATGCAGTTGCCGCCCTCAGTGGCTTTGGTCTTCCCTTGGCA
 TCCCATGAAGCCCTTGGTGCCCTTACCCTCGCCTCAGCAAGGAGGAGACTGTGCTGGCAACCGTCCAGG
 CTCTGCACACAGCATCCACCTATCCAGCAGGCTGACCTGAGGAACATTGTAGAAGAGATCGAGGACCT
 TGTGCTCGCCTGGACGAACTAGGGGGTGTGTATCTCCAGTTTGGGAAGGCCTGGAACCTACAGCATTG
 TTTGTTGCTGCCACCTACAAGCTCATGGACCATGTGGGGACTGAACCGTCCATCAAGGAGATCAGGTCA
 TCCAGCTCATGAACACAATCTTCAGCAAGAAGAACTTTGAGTCCCTCTCAGAAGCCTTCAAGTGTGGCCTC
 TGCTGCTGCTGCATTGTCCCAGAATCGCTATCACGTACCAGTGGTGGTGTCTCTGAGGGCTCTGCTTCT
 GACACTCAAGAACAGGCTATCCTGCGGTTGCAAGTCAGCAGTGTCTTGTCTCACGCTCTGGCTCAAGCCG
 CAGTTAAGCTGGAACATGCTAAGTCCGTGGCTTCCAGAGCTACTGTCTCGAGAAGATGCCCTTTTCACT
 TGTAGGGGATGTTTTGAGCTAACTTCAAGAAATGTTAACTTCCAGTGGCTACTATGACTTCTCTGTC
 GCATACCAATGCTGATCTTCCACTGTGGACAAGGATCAGAGCATCCCACCCAAAACCTACCCGGGTGAC
 CTACCCAGCCAAAAGCCAAGGGCACATTCATCGCAGACAGCCATCAGAACCTTCGCCCTGTTTTCCAGCTG
 GTAGATGTGAACACCGGTGCGGAGCTCACCCCTACCAGACATTTGTTGACTTCATAACCAAGAAGACTG
 GCCAGGAAGTGGTGTGTTGTTGCTGAGCCGGATAACAAGAATGTGCATAAGTTTGAAGTGGACACCTCTGA
 AAGGAAGATTGAGTTCGACTCTGCCTCTGGCACTTACACACTCTACCTAATCATCGGGGACGCCACTTTG
 AAGAACCCTATCCTCTGGAACGTGGCTGATGTGGTTATCAAGTCCCTGAAGAAGAAGCTCCCTCCACTG
 TGCTGTCCAGAACCTTTTACCCAAAACAGGAAATTCAGCACCTGTTCCGAGAGCCTGAGAAGAGGCC
 CCCCAGTGGTGTCCAATACATTCACGGCCCTCATCCTCTCGCCCTTGCTCTGCTCTTTGCAGCTGG
 ATCCGGATTGGAGCCAATGTCTCAACTCACCTTTGCTCCTACCACGATTATCTTTACCTGGGACATG
 CTGCAATGCTGGGCTCATGTATGTCTACTGGACTCAGCTCAACATGTTCCAGACCTGAAGTACCTGGC
 CGTCTGGGCACTGTGACATTTCTGGCTGGCAACCGAATGCTGGCCAGCAGGCAGTTAAGAGAACAGCA
 CAT**TAG**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_031698
- Insert Size:** 1896 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.

RefSeq: [NM_031698.1](#), [NP_113886.1](#)

RefSeq Size: 2234 bp

RefSeq ORF: 1896 bp

Locus ID: 64701

UniProt ID: [P25235](#)

Cytogenetics: 3q42

Gene Summary: may play a role in protein N-linked glycosylation [RGD, Feb 2006]