

Product datasheet for **RN206171**

Apba1 (NM_031779) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Apba1 (NM_031779) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Apba1
Synonyms:	Mint1
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



[View online »](#)

Fully Sequenced ORF: >RN206171 representing NM_031779
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGAACCACTTGGAGGGCTCCGCGGAGGTGGAGGTGGCCGACGAGGCCAGGAGGGGAGGTGAACGAGT
 CCGTGGAGGCCGACCTGGAGCACCCGAGGTGGAGGAAGAGCAGCAGCCGTCGCCCCGCCGCCGAGG
 TCACGCACCCGAGGACCACCGCGCATCCGGCGCCGCCGCCGCCACCACCGCAGGAGGAGGAGGAG
 GAGCGCGCGAGTGCCTGGCTCGCTCGGCCAGCACCGAGAGCGGCTTCCACAACCACAGGACACCGCTG
 AGGGCGACGTGCTCGCCGCGCCGAGACGGCTACGAGGCGGAGCGCGCAGGACGCCGACGATGAGAG
 CGCCTACGCCGTGACGTACCGGCCGAGGCCGAGGAGTACACGGAGCAGGCGGAGGCCGAGCAGCCGAG
 GCGGGCAGCGCGCGCTGCCAACCACCTGCACTTCCACTCGCTGGAGCAGGGAAGCCATGAACG
 CCGCCTACTCGGGCTATGTCTACACGCACCGGCTTTCCACCGCGCCGAGGACGAGCCCTACGCCGAGCC
 CTACGCCGACTACGGCGGCTCCAGGAGCAGTGTACGAGGAGATCGGGGACCGCCTGAGCTGGAGGGC
 CGCGACGGCTCGGGCTCTATGAGCGGGAGCGCAGGAGCGGCCGCTACCGCCAGGAGGCCCTAGGGC
 CGCGGCTGCACCACTACGACGAGCGCTCCGACGGCGAGTCCGACAGCCCCGAGAAGGAGGCGGAGTTCGC
 GCCCTACCCGCGCATGGACAGTTATGAGCAGGAAGAGGACATCGACCAGATCGTGGCCGAGGTCAAGCAG
 AGCATGAGCTCGCAGAGCCTCGACAAGCGGCCGAAGACATGCCCGAGGCGGAGCAGGACCTGGAGCGCG
 CCCCAGCCCCGGGAGGGGACACCCGACAGCCCTGGGCTGCCAGCACCTGCCGGGACGACGAGCGAGT
 TGTGGGAACCCGGGAGGCGAGGTTGGTCAAGCAAGGAAAAGAGGGATGCCATCTCGCTG
 GCCATCAAGGACATCAAGGAGGCCATCGAAGAAGTGAACCAGGACCATCCGTTCCGCTTACACCCCG
 ACGAACCAAGAGCCCCATCTGGGTCATGCGCCAGGACATTAGCCCCACAAGGAGTGTGACGACCCAG
 GCCCGTGGACGGAGATTCTCCGTCTCTGGCAGTTCTCACCCCTGGGTGCTGAGTCATCAATCACACCC
 TTTCATCCCGGTGACCCACGGAAGCCTCCACTAATAAAGAGTCAAGAAAAGCTTGGCTTCATTCCCAA
 CCTACGTTGAAGTTCTGGACCCTGCGACCCTGAAGACTTGATCGATGGAATTATTTTTGCTGCCAATTA
 CTTTGGTTCCACTCAGCTACTCTCAGACAAAACCTCCCTCAAAAACGTCGCGATGATGCAGGCCAGGAA
 GCAGTAAGCCGGATCAAGACGGCCAGAAATTAGCCAAAAGCAGGAAGAAGGCTCCTGAAGGCGAATCTC
 AGCCAATGACTGAGGTGGACCTTTCATCTCCACCCAGAGGATCAAAGTGTGAATGCAGATACACAGGA
 GCCTATGATGGACCACCCTCTGAGGACCATTTCTACATCGCAGACATTGGGAACATCGTCGTGCTGATG
 GCCCGCAGGCGGATGCCCGCTCCAACCTCCAGGAGAATGTGGAGCCTCTCACCCATCCCAGGATGCAA
 AACGGCAGTACAAGATGATCTGTCTGTTGAGTCTGAGGACGCCAGCTGATCGCACAGTCCATCGG
 GCAGGCCCTTACGCTTGATACAGGAGTTCCTCAGGGCCAACGGGATTAACCCAGAAGACCTGAGCCAG
 AAGGAGTACAGCGACCTGCTCAACACCCAGGACATGTACAACGATGACCTGATCCACTTCTCCAAGTCCG
 AAAACTGCAAAGATGTCTTCATAGAGAAGCAGAAAGGAGAAATCCTGGGAGTTGTGATTGTGGAGTCTGG
 CTGGGGATCCATTCTGCCAACCGTATCATTGCCAACATGATGCACGGAGGCCCGCCGAGAAGTCCGGG
 AAGCTGAACATCGGGGACCAGATCATGTCCATTAACGGCACAGCCTGGTGGGCTGCCCTGTCCACCT
 GCCAGAGCATCATTAAAGGGCTTAAAGAACCAGTCCCGGTGAAGCTGAACATCGTGAAGTGCACCCAGT
 GACCACAGTGCTAATTAGGAGGCCGACCTTCGCTACCAGTGGGTTTCAGCGTGCAGAATGGAATTATC
 TGTAGCCTCATGAGAGGGGAATAGCTGAGAGAGGAGGTGTCGCGTGGGACATCGGATCATTGAAATCA
 ACGGCCAGAGTGTGCTAGCCACACCACAGAGAAGATCGTCCACATACTCTCAAATGCTGTTGGGAGAT
 CCACATGAAGACAATGCCAGCAGCCATGTACAGACTGCTGACAGCCAGGAGCAGCCGTTTACATCTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_031779
Insert Size: 2520 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_031779.2 , NP_113967.1
RefSeq Size:	3681 bp
RefSeq ORF:	2520 bp
Locus ID:	83589
UniProt ID:	O35430
Cytogenetics:	1q51
Gene Summary:	component of multimeric complex containing Munc18-1 and syntaxin; may mediate synaptic vesicle docking/fusion [RGD, Feb 2006]