

Product datasheet for **RN217074**

Apbb1ip (NM_001100577) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Apbb1ip (NM_001100577) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Apbb1ip
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN217074 representing NM_001100577
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGC**

ATGGGTGAATCAAATGAAGACATAGACCAGATGTTTCAGCACTCTGCTGGGGGAGATGGATCTCTTGACCC
 AGAGTTTAGGAGTGGACACTCTTCCTCCTGCAGAACCCAGCCACCCCGAGAAGAGTTTAACTTCAGTGT
 GGGGTTTAAGGATTTAAATGAGTCCTTAAATGCACTGGAAGACCAAGATTAGATGCCCTCATGGCAGAT
 CTGGTAGCAGATATAAGTGAAGCCGAACAGAGAACCATCCAGGCTCAGAAAGAGTCTCTCAGAATCAAG
 GTCACCTCAGCACTTCTGGAGGCTCAGATGGCCAGGGTACAGCCCAAGAGGTTATGGAGCAATGCTGC
 TGCTTTTGATGTTAGCGACTACGAGGAAGCTTTACCACCTCCACCAGCAGATCCCATGCTAGACCTTCTA
 CCCCCTCCACCTCTCTCTCTCTAAACCTCTCTCTAAAGAGGAAGAAGAAGCCCTAGCAAAGGCTGATA
 AGATTAAGTTGGCACTGGAAAAGTTGAAGGAAGCCAAGGTTAAGAAGCTTGATGTTAAGGTGCACATGGG
 TGACAACAGTACCAAGTCACTGATGGTGGATGAGCGACAGTTGGCTCGGGATGTTCTCGACAATCTTTTT
 GAAAAAACCCACTGCGACTGCAATGTGGACTGGTGCCTTTATGAAATATATCCCGAATTGCAAAATCGAGA
 GAATTTTCGAAGACCATGAAAATGTTGTTGAAGTCTTATCAGACTGGACAAGAGACACAGAGAACAGAGT
 ACTGTTTTTGGAGAAAGAGGAAAAATATGCTGTGTTTAAAAACCTCAGAATTTCTACTTGGATAATAAG
 GGGAAAAAGAAAAGGAAAGCAATGAGAAAAATGAATGCTAAAAACAAAGAATACTTACTTGGAGAAAGTT
 TCTGTGGCAGATCCATCATAGTACCGGAAGTGAAGGAGCTCTTTATTTGAAAGAAGACGGGAAGAAGTC
 CTGGAAACGACGCTACTTTCTCTGAGAGCTTCTGGAATCTATTATGTACCCAAAGGAAAGACAAAGACA
 TCCCGAGACCTGGCGTGTTCATACAGTTCGAAAATGTTAACATTTACTATGGGATTCAGTGCAAAATGA
 AATACAAAGCACCCACTGACCACTGCTTTGTTTTAAAGCATCCTCAAATTCAGAAGGAATCTCAGTACAT
 CAAGTACCTTTGCTGTGATGACGCAAGAACTCTCAGCCAGTGGGTTATGGGAATAAGGATCGCCAAGTAC
 GGGAAAATCTCTATGATAACTATCAGCGGGCTGTGGCTAGAGCTGGACTCGCCTCTCGGTGGACGAACC
 TGGGGACTGCCACTACCCAGCTCAGCCTGCTGCAGGACTTAAACAGGCACCAGCCAGCCCAATGGTCC
 AATGCCCCAGGCCGCGCTTCCCTGGTCTCTCTCGAGAGACCTGACACAACTGAAACAATAAG
 GATGAAAAGCAAGGCTTGGCTAACCACTCCCCAGGAGCAAGCAGGGAGAACCACCGCCCTAAGAGCAGCC
 TGCTTCCACCACCCCTCCAGTAAGACGATCTTCGGACACCTGTGGCAGCCCTGCCTTGCCACCCAAAGC
 CAAGGGCCCTGGCAGCTGCACCTTACCAGCCAGCCGAGAACTTCTGCCACCACCACCGCCCCACCG
 CCCCAGGAGGACGACAACAGCATGCTACTCCACACCCCAACCCTGGCTACCTCGATGAGCCACCGG
 ATTTCTGTGCCACCGCCCCACCACCTGCAACTGTTGAAGACTCTGCATTGCCACCCCGCCGCCACCCCC
 ACCCTGTCTCTCCAGGAGATGACCAAGTCATCTCCATTGCCCGCCAAAAAGCTCCCAAGTCCCCCAAG
 AGGCAAGAGAACCAAGGACTCCCTGGTGGCCCAAGGAACACGGAGCAAGATTTTATGTCAGACCTCATGA
 AAGATTGCAAAAGAAAAGAGGCAATGTACCCTAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001100577

Insert Size: 1995 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).

OTI Annotation: Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.

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:	<u>NM_001100577.1, NP_001094047.1</u>
RefSeq Size:	2488 bp
RefSeq ORF:	1995 bp
Locus ID:	307171
Cytogenetics:	17q12.3