

Product datasheet for **RN209617**

Akap7 (NM_001001801) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Akap7 (NM_001001801) Rat Untagged Clone
Tag: Tag Free
Symbol: Akap7
Synonyms: AKAP-18; Akap15; Akap18; AKAP18d
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >RN209617 representing NM_001001801
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGGAGCGCCCCGCCGGGAGAAATAGATGCCAATAAGTGTGATCATTTATCAAGAGGAGAGGAAGGGA
CGGGGACCTGGAGACCAGCCCTGTAGGTTCTCTGGCAGACCTGCCGTTTGCTGCCGTAGACATTCAAGA
TGACTGTGGACTCCCTGATGTACCTCAAGGAAATGTACCTCAAGGAAACCCAAAGAGAAGCAAGAAAAT
AGAGGCGACAGGAATGATCACGTGAAGAAGAGGAAGAAGGCCAAGAAAGATTATCAACCCAACTATTTCC
TGTCATTCCAATCACCAACAAAAGATTACAGCTGGAATTAAGTCTTGCAAAAATTCGATACTGAGACA
GGATAATCGATTGACAAAGCCATGGTCGGCGACGGCTCCTTTCACATCACCTTGCTAGTGATGCAGCTA
TTAAACGAAGATGAAGTAAACATAGGTACCGACGCGCTTTTGAAGTGAAGCCGTTCTGTTGAGGAGATCC
TTGAGGGGAAGCATCTGACTTTGCCCTTCCACGGGATTGGCACTTCCAAGGTCAGGTTGGCTTTGTGAA
GCTGGCAGACGGAGATCACGTCACTGCCCTCCTGGAGATAGCAGAGACTGCAAAAAGGACATTTCCAGGAA
AAAGGCATCCTGGCTGGAGAAAGCAGAACCTTTAAGCCTCACCTGACCTTTATGAAGTCTCCAAAGCAC
CAATGCTCTGGAAGAAGGGAGTGAGAAAAATAGAGCCTGGATTGTATGAGCAATTTATCGACCACAGATT
TGGAGAAGAAATACTGTACCAAATAGATCTCTGCTCCATGCTGAAGAAAAACAGAGCAATGGTTATTAC
CACTGCGAGTCTTCGATCGTGATCGGTGAGAAGGACCGAAAGGAGCCTGAGGATGCTGAACTGGTCAGGC
TCAGTAAGAGGCTGGTGGAGAACCCGCTGCTCAAGGCTGTCCAGCAGTACCTAGAAGAGACACAGAACAA
AAAGCAGCCGGGGAGGGGAACCTCCGTCAAAGCTGAGGAGGGAGATCGGAATGGCGATGGCAGTGATAAC
AACC**CGAAGTGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001001801



Insert Size:	1062 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:	<u>NM_001001801.3, NP_001001801.1</u>
RefSeq Size:	1062 bp
RefSeq ORF:	1062 bp
Locus ID:	361458
UniProt ID:	<u>Q6JP77</u>
Cytogenetics:	1p12
Gene Summary:	member of the A-kinase anchoring protein (AKAP) family; binds to the regulatory subunit (RII) of cAMP-dependent protein kinase A [RGD, Feb 2006]