

Product datasheet for RN210104

Akap6 (NM_022618) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Akap6 (NM_022618) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Akap6
Synonyms:	mAkap
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>RN210104 representing NM_022618 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGTTAACCATGAGCGTGACACTTCCCACTGAGGTCACAGGGCCAGATCCCATGGCGACGGATGCTT
CACCCATGGCCATCAACATGACACCCACTGTGGAGCAGGAGGAAGGAGAGGGAGAGGAAGCCGTGAAGGC
CATAGACGCTGAGCAGCAGTATGAAAGCCACCTCCGCTCCACACAGCAGCCGACTGGAAGATTGCCTG
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AGCAGGATGCAGACAGCAAGCATGTGGATGTGCATCTAGTTCAGCTGAAGGACATTTGTGAGGATATTTT
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GCGGTT CAGGAAAGCGATCTGAGAGCACCGGGAGCTCAGCAGGGCCAGCATGGTATCACCTGGAGCTCC
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ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_022618
- Insert Size:** 6945 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_022618.1](#), [NP_072140.1](#)

RefSeq Size: 8827 bp

RefSeq ORF: 6945 bp

Locus ID: 64553

UniProt ID: [Q9WVC7](#)

Cytogenetics: 6q23

Gene Summary: nuclear membrane anchoring protein; involved in compartmentalizing cAMP-dependent protein kinase and other signaling molecules [RGD, Feb 2006]