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Product datasheet for MC224827

Akap12 (NM_031185) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Akap12 (NM_031185) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Akap12
Synonyms:	AI317366; Srcs5; SSeCKS; Tsga12
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>MC224827 representing NM_031185 Red=Cloning site Blue=ORF Orange=Stop codon TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC GCCGCGATCGCC ATGGGTGCAGGCAGTTCCACCGAGCAGCGGAGCCCCGAGCAGCCGGCGGAGAGCGACACGCCGAGCGAGC TGGAGCTCAGTGGCCATGGGCCCGCAGCGGAAGCGTCGGGAGCAGCTGGAGATCCCGCTGACGCGGACCC CGCCACCAAGCTCCCACAGAAGAATGGTCAGCTGTCTGCCGTCAATGGTGTAGCTGAACAAGAAGATGTC CACGTCCAAGAGGAAAGCCAGGATGGGCAAGAGGAAGAAGTCACTGTTGAAGATGTTGGACAGAGAGAGT CAGAAGATGTGAAAGAAAAAGACCGAGCTAAAGAAATGGCAGCCAGTTCCACAGTTGTTGAAGATATCAC AAAGGACGAGCAGGAGGAAACACCGGAAATAATCGAACAGATCCCTGCTTCAGAGAGCAATGTGGAAGAA ATGGCGCAGGCTGCTGAGTCCCAAGCTAATGACGTCGGCTTCAAGAAGGTATTTAAATTTGTTGGTTTTA AATTCACGGTGAAGAAGGATAAAAACGAAAAGTCAGATACCGTCCAGCTACTCACTGTCAAGAAGGATGA AGGCGAAGGGGCAGAAGCCTCCGTCGGAGCAGGAGACCACCAAGAGCCCGGAGTGGAGACCGTCGGCGAA TCAGCATCCAAAGAAAGTGAGCTGAAGCAATCCACAGAGAAGCAAGAAGGCACCCTGAAGCAAGCACAGA GCAGCACAGAAATTCCCCTTCAAGCCGAATCTGGTCAAGGGACCGAGGAAGAAGCAGCCAAAGATGGAGA AGAAAACCGAGAGAAAGAACCTACCAAGCCCCTAGAATCTCCGACCAGCCCTGTCAGCAATGAGACAACA TCTTCCTTCAAGAAATTCTTCACTCACGGCTGGGCCGGCTGGCGCAAGAAGACCAGCTTCAAGAAACCAA AGGAAGATGATCTGGAAACTTCCGAGAAGAGAAAGGAGCAAGAGGCTGAAAAAGTAGACGAGGAAGAAGG GGAAAAGACAGAGCCAGCCCCAGCCGAGGAGCAGGAGCCTGCAGAAGGCACAGACCAGGCCAGGTTGTCA GCCGACTATGAGAAGGTGGAGTTGCCTTTGGAAGACCAGGTCGGTGACCTGGAGGCATTGTCGGAGAAGT GTGCTCCTTTGGCAACGGAAGTGTTTGATGAGAAGACGGAAGCCCACCAAGAAGTTGTTGCAGAGGTCCA CGTGAGCACCGTGGAGAAGATGACGAAAGGGCAAGGAGGAGCAGAGGTGGAAGGGGATGTGGTGGTGGAA GGATCGGGAGAATCCTTGCCCCCTGAGAAACTGGCTGAGACCCAGGAGGTCCCCCAGGAAGCTGAGCCTG TGGAGGAGCTGATGAAGACCAAAGAAGTATGCGTCTCTGGGGGTGACCATACTCAGCTGACAGATCTAAG TCCTGAAGAGAAGATGCTACCCAAACACCCCGAAGGCATTGTCAGTGAGGTGGAGATGCTGTCCTCTCAG

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ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	SgfI-MluI
ACCN:	NM_031185
Insert Size:	5055 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_031185.3, NP_112462.1
RefSeq Size:	6262 bp
RefSeq ORF:	5055 bp
Locus ID:	83397
UniProt ID:	Q9WTQ5
Cytogenetics:	10 A1
Gene Summary:	Anchoring protein that mediates the subcellular compartmentation of protein kinase A (PKA) and protein kinase C (PKC).[UniProtKB/Swiss-Prot Function]