

Product datasheet for **RN216834**

Uap1 (NM_001191930) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Uap1 (NM_001191930) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Uap1
Synonyms:	RGD1561967
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN216834 representing NM_001191930
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGAATGTTAATGACCTCAGACAGAGGTTGTCCGCGGCTGGCAGCAGCACCTGCTGCAGTTCTGGAGTG
 AGCTGTCAGAAGCCCAGCAGGGAGAACCTTTATATGGAACCTCAAGCCATGAACCTTTGAAGAGCTGAACTC
 ATTTTTCCAGAAGCCGTTGGCGAATTTGATCGATCTTCTCACCAAGAAAAGGTGGATGCACGGATGGAG
 CCTGTGCCAGACAGGTTTTGGGCACTGCTACCAGAGATCAAGACCAGCTGCAGGCCTGGGAGAGCGAAG
 GACTTTCCAGATTTCTCAGAACAAGTAGCAGTTCTTCTTAGCTGGTGGCAGGGGACAAGACTTGG
 AGTCACGTATCCCAAGGCATGTATGATGTGGCTTGCCATCCCACAAGACACTTTCCAGATACAAGCA
 GAACGTATTCTGAAGCTGCAGCAGTTAGCTGAGAAACAGTATGGCAACAAGTGCACCATCCCCTGGTATA
 TAATGACCAGTGGCAGAACGATGGAATCGACAAAGGAGTCTTTACAAAGCACAAGTTCTTTGGTTTAAA
 AAAGGAGAACGTGGTCTTTTTCCAGCAGGGAATGCTGCCTGCTATGAGCTTTGATGGGAAAGTTATCTTG
 GAAGAGAAAAACAAAGTCTCTATGGCTCCAGATGGGAATGGTGGTCTCTACCGGGCTCTTGACGCCAAA
 ACATTGTGGAGGACATGGAGCAAAGAGGCATCTGGAGTATTCATGTCTATTGTGTGGATAACATACTGGT
 GAAAGTGGCAGACCCTCGGTTCAATTGGATTCTGCATTCAGAAAGGAGCAGACTGTGGGGCAAAGTGGTA
 GAGAAAACCAACCCACGGAGCCAGTCGGCGTGGTTTCCCGGGTGGATGGGGTGTACCAGGTGGTGGAGT
 ACAGTGAGATCTCTTGCCACAGCTCAGAAGCGGAGCTCAGACGGACGGCTGCTGTTCAACGCGGGGAA
 CATCGCCAATCACTTCTCACTGTGCCGTTCTGAAAGATGTTGTCAATGTTACGAACCTCAGTTGCAG
 CACCATGTGGCTCAGAAGAAGATCCATACGTGGATTCCCAGGGCCACTTAATTAAGCCAGACAAGCCAA
 ATGGAATAAAGATGGAAAAATTTGTCTTTGACATCTCCAGTTTGCAAAGAAGTTTGGTGTACGAAGT
 ATTACGGGAAGACGAATTCTCCCGCTCAAAAAATGCAGACAGTCAAGATGGGAAGGACAACCCGACCACT
 GCAAGGCATGCCTTGATGTCCCTTACCATTGCTGGTCCCTCAATGCTGGGGGACACTTCTAGATGAAA
 ATGGCTCCCGCTCCAGCCATCCCCGTGCTACAAATGGAAAGTCAAGAGCCATCACAGCTGATGTCAA
 TCACAACCTGAAGGATGCCAATGATGTGCCGATCCAGTGTGAGATCTCTCCCTCATCTTACGCTGGA
 GAAGGACTTGAAGGCTATGTGGCAGATAAAGACTTCCATGCACCCTAATCATCGATGAGAACGGAGTTC
 ATGAGCTGGTAAAAATGGCATA**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul

ACCN: NM_001191930

Insert Size: 1566 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: [NM_001191930.1](#), [NP_001178859.1](#)

RefSeq Size: 2249 bp

RefSeq ORF: 1566 bp

Locus ID: 498272

Cytogenetics: 13q24