

Product datasheet for **RR216834**

Uap1 (NM_001191930) Rat Tagged ORF Clone

Product data:

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



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ORF Nucleotide Sequence:

>RR216834 representing NM_001191930
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGAATGTTAATGACCTCAGACAGAGGTTGTCCGCGGCTGGCAGCAGCACCTGCTGCAGTTCTGGAGTG
 AGCTGTCAAGAAGCCAGCAGGGAGAAGTTTATATGGAAGCTCCAAGCCATGAAGTTTGAAGAGCTGAACTC
 ATTTTTCCAGAAGGCCGTTGGCGAATTTGATCGATCTTCTCACCAAGAAAAGGTGGATGCACGGATGGAG
 CCTGTGCCAGACAGGTTTTGGCAGTGTACCAGAGATCAAGACCAGCTGCAGGCCTGGGAGAGCGAAG
 GACTTTCCAGATTTCTCAGAACAAGTAGCAGTTCTTCTTAGCTGGTGGCAGGGGACAAGACTTGG
 AGTCACGTATCCAAGGCATGTATGATGTGGCTTGCCATCCCACAAGACACTTTCCAGATACAAGCA
 GAACGTATTCTGAAGCTGCAGCAGTTAGCTGAGAAACAGTATGGCAACAAGTGCACCATCCCCTGGTATA
 TAATGACCAGTGCAGAACGATGGAATCGACAAAGGAGTCTTTACAAAGCACAAGTTCTTTGGTTTAAA
 AAAGGAGAAGCTGGTCTTTTTCCAGCAGGGAATGCTGCCTGCTATGAGCTTTGATGGGAAAGTTATCTTG
 GAAGAGAAAAACAAAGTCTCTATGGCTCCAGATGGGAATGGTGGTCTCTACCGGGCTCTTGAGCCCAA
 ACATTGTGGAGGACATGGAGCAAAGAGGCATCTGGAGTATTCATGTCTATTGTGTGGATAACATACTGGT
 GAAAGTGGCAGACCCTCGGTTTATTGGATTCTGCATTAGAAAAGGAGCAGACTGTGGGGCAAAGTGGTA
 GAGAAAACCAACCCACGGAGCCAGTCGGCGTGGTTTCCCGGGTGGATGGGGTGTACCAGGTGGTGGAGT
 ACAGTGAGATCTCTTGCCACAGCTCAGAAGCGGAGCTCAGACGGACGGCTGCTGTTCAACGCGGGGAA
 CATCGCAATCACTTCTCACTGTGCCGTTCTGAAAGATGTTGTCAATGTTACGAACCTCAGTTGCAG
 CACCATGTGGCTCAGAAGAAGATCCATACGTGGATTCCAGGGCCACTTAATTAAGCCAGACAAGCCAA
 ATGGAATAAAGATGGAAAAATTTGTCTTTGACATCTTCCAGTTTCAAAGAAGTTTGTGTACGAAAT
 ATTACGGGAAGACGAATTTCTCCCGCTCAAAAAATGCAGACAGTCAAGTGGGAAGGACAACCCGACCACT
 GCAAGGCATGCCTTGATGTCCCTTACCATTGCTGGTCCCTCAATGCTGGGGGACACTTCTAGATGAAA
 ATGGCTCCCGCTCCAGCCATCCCCGTGCTACAAATGGAAAGTCAAGAGCCATCACAGCTGATGTCAA
 TCACAACCTGAAGGATGCCAATGATGTGCCGATCCAGTGTGAGATCTCTCCCTCATCTTACGCTGGA
 GAAGGACTTGAAGGCTATGTGGCAGATAAAGACTTCCATGCACCCTAATCATCGATGAGAACGGAGTTC
 ATGAGCTGGTAAAAATGGCATA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RR216834 representing NM_001191930
 Red=Cloning site Green=Tags(s)

MNVNDLRQRLSAAGQQHLLQFWSELSEAQQGELYMELQAMNFEELNSFFQKAVGEFDRSSHQEKVDARME
 PVPQRVLGSATRDQDLQAWSEGLSQISQNKVAVLLLAGGQGTRLGVTYPKGMYDVGLPSHKTLFQIQAE
 ERILKLQQLAEKQYGNKCTIPWYIMTSGRMTSTKEFFTKHKFFGLKKENVVFFQQGMLPAMSFQKGVIL
 EEKNKVS MAPDNGGLYRALAAQNI VEDMEQRGIWSIHVYCVDNILVKVADPRFIFGFIQKADCGAKVV
 EKTNPTEPVGVVCRVDGVYQVVEYSEISLATAQKRSSDGRLLFNAGNIANHFFTVPFKDVVNVYEPQLQ
 HHVAQKKIPYVDSQGHLIKPDKPNIGKMEKVFDFIQF AKKFVYVEVLRDEF SPLKNADSQNGKDNPTT
 ARHALMSLHHCWV LNAGGHFIDENGSR LPAIPRATNGKSETITADVNHNLKDANDVPIQCEISPLISYAG
 EGLEGYVADKDFHAPLIIDENGVELVKNGI

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:

Sgfl-Mlul

Cloning Scheme:



ACCN: NM_001191930

ORF Size: 1563 bp

OTI Disclaimer: The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

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

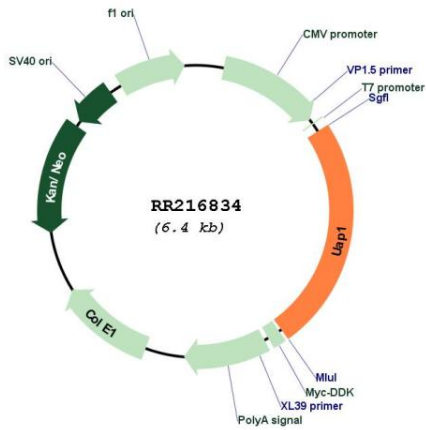
RefSeq ORF: 1566 bp

Locus ID: 498272

Cytogenetics: 13q24

MW: 58.4 kDa

Product images:



Circular map for RR216834