

Product datasheet for RN207514

Apaf1 (NM_023979) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Apaf1 (NM_023979) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Apaf1
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>RN207514 representing NM_023979 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCCGATCGCC

ATGGATGCAAAGGCCGAAATTGTTTGCTTCAACATAAAGAAGCTCTGGAAAAGGACATCAAACATCCT
ACATCATGGATCACATGATCAGTAATGGCGTCTTAACAGTAGTAGAGGAGGAAAAGGTCAAAGTCAGGC
CACTCAATATCAACGAGCAGCTGCTTTAATTAATAAATGATACTTAATAAAGACAATTATGCCTACATTCA
TTCTACAACGCTCTACTACACGAGGGCTATAAAGACCTTGCTGGACTTCTGCATAGCGGCCTTCCTCTTG
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CCTAACATTGTGCAACTGGGCCTCTGTGAACCAGAGACTTCCGAAGTTTATCAACAAGCAAAGCTGCAGG
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 CCGCTTAGTCGTTTCGCCCCATACAGACGCCGTGTACCATGCGTGTTTTTCTCAGGATGGTCAGAGAATA
 GCTTCTTGTGGAGCTGATAAACCTTGCAGGTGTTAAAGCCGAGACAGGAGAGAAAATTCTTGACATTA
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 AAGCTGTACGGCACATCCAGTTCACAGCTGATGGGAAGACACTGATTTCAAGTTCGAAGACTCTGTGAT
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 CCGGAAGAATTGAAAGAGACTTTACTTGTGATCAGGGCACAGTGTCTTCCCTGTGCTATCTCTTCTGATGC
 CACCAAGTTTTCTACTACCTCAGCTGATAAGACCGCAAGATCTGGAGTTTTGAACCTCCCTTCCCTCCTT
 CATGAGCTGAAGGGCCATAACAGCTGTGTCGGCTGCTCTGCCCTTCTCGCTGGATGGCATCCTGTTAGCAA
 CTGGAGATGACAATGGAGAAATCAGGATATGGAATGTCTCAGATGGCCAGCTTCTTCATTTGTGTCTCC
 GATTTCCATAGAAGAAGGAACGGCTACCCACGGAGGCTGGGTGACTGATGTTTGTCTCTCCTGACAGA
 AAAATGCTTGTCTCTGCCGGAGGATACCTTAAGTGGTGAATGTTGTTACTGGGGAGTCTCACAGACCT
 TCTACACCAATGGAACAAACCTCAAGAAAATACATGTGCCCTGACTTCAGAACATATGTGACCGTTGA
 TAATCTTGGTATTTTATATATTTTACAGGTTTTAGAGTAA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_023979
- Insert Size:** 3750 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_023979.1](#), [NP_076469.1](#)

RefSeq Size: 6111 bp

RefSeq ORF: 3750 bp

Locus ID: 78963

UniProt ID: [Q9EPV5](#)

Cytogenetics: 7q13

Gene Summary: protein involved in the initiation of apoptosis [RGD, Feb 2006]