

Product datasheet for **RR204231**

Faf1 (NM_130406) Rat Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Faf1 (NM_130406) Rat Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Faf1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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ORF Nucleotide
Sequence:

>RR204231 representing NM_130406
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGGCGTCCAACATGGACCGGGAGATGATCCTTCCGGATTTTCAGGCATGTACTGGTATTGAAAACATTG
ATGAAGCTATTACACTGCTTGAGCAAAATAACTGGGACTTGGTGGCAGCTATCAATGGTGTAAATACCCCA
GGAAAATGGCATTCTACAAAGTACTTTGGAGGTGAGACCATGCCAGGACCCACATTTGACCCAGCAAGT
CCACCTGCTCCAGCTCCAGCTCCCTCTTCTCCGCGTTCCGACCTGTAATGCCATCCAGGCAGATCGTAG
AAAGGCAGCCGCGCATGCTCGACTTCAGAGTTGAATACAGGGACAGGAATGTTGATGTGGTACTTGAAGA
CAGCTGTACTGTTGGAGAGATTAACAGATTCTAGAAAATGAACTTCAGATACCTGTGCCTAAAATGCTG
TTGAAAGGCTGGAAGACTGGAGATGTGGAAGACAGTACGGTCTTAAAATCACTACACTTGCCAAAAAACA
ACAGTCTTTATGCTTACACCAGACTTACCACCCTTCATCATCCAGTCATGCTGGTGCCTGCAGGA
ATCATTAATCAAACCTTCATGTGATCATCACCCACCGAGAGGTCCAGCGGGAGTACAACCTGAACTTC
TCAGGAAGCAGTACCGTTCAAGAGGTAAGAGAAATGTGTATGATCTGACAAGCATACCTGTTCCGACATC
AGTTATGGGAAGGCTGGCCAGCTTCTGCCACTGATGATTAATGTGTCTTGTGTAATCAGGGCTCTCTTA
TCCCTGCCATCGACTCACTGTGGGACGAAGAACTTCACCTGTACAGACCCGTGAGCAATCAGAAGAGCAA
AGCACGGTAGTTCATATGGTTAGTGATAGTGATGGAGATGACTTTGAAGATGCTTCAGAAATTTGGAGTGG
TAGACGGAGAAGTATTTGGCATGGCATCATCTACCATGAGAAAATCTCCAATGATGCCAGAAAACGCAGA
AAATGAAGGAGATGCCTTATTACAATTTACAGCAGAGTTTTCTTCAAGATATGGTACTGCCATCCTGTA
TTTTTTATTGGCTCATTAGAAGCTGCTTCCAAGAGGCCCTTCTATGTGAAAGCCAGAGACAGAAAAGCTTC
TTGCTATCTACCTCCACCATGATGAAAGTGTACTAACCAACGTGTCTGCTCACAATGCTTTGTGCTGA
ATCCATTGTTTCTTATCTGAGTCAAATTTTATAACCTGGGCTTGGGATCTGACAAAGGACGCCAACAGA
GCAAGATTTCTGACAATGTGCAATAGACACTTTGGCAGCGTTATTGCACAAACCATTCCGACTCAAAGA
CAGATCAGTTTCCACTTTTCTGATTATCATGGGAAAGCGATCATCTAATGAAGTCTAAATGTGATACA
AGGTAATACAACAGTGGATGAGTTAATGATGAGACTCATGGCTGCCATGGAGATTTTCTCAGCTCAACAA
CAGGAAGACATAAAGGATGAGGATGAACGTGAAGCCAGAGAAAATGTGAAGAGAGAGCAAGATGAGGCTT
ATCGCCTTTCCCTTGAAGCCGACAGGGCAAAGAGAGAAGCTCATGAGAGAGAGATGGCAGAACAGTTTCG
TTTGGAGCAGATTCGCAAAGAGCAAGAAGAGGAACGCGAGGCCATCAGACTCTCCTTAGAACAAGCCCTG
CCTCCAGAGCCAGAGGAGGAAAAATGCGGAGCCTGTTAGCAAGCTTCGGATTTCGAACCCCAAGTGGCGAGT
TCCTGGAACGCCGTTTCTGCGCCAGCAATAAGCTCCAGATTGTCTTTGATTTTGTGGCTTCCAAGGGATT
TCCTTGGGATGAGTTCAAGTTACTGAGCACCTTCTTAGGAGAGACGTAACCTCAGCTAGACCCCAATAAG
TCATTATTGGAGGTAACCTGTTCCTCAAGAAACCTTTTCTTCTAGCAAAAGAG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >RR204231 representing NM_130406
Red=Cloning site Green=Tags(s)

MASNMREMILADFQACTGIENIDEAITLLEQNNWDLVAAINGVIPQENGILQSDFGGETMPGPTFDPAS
 PPAPAPAPSSSAFRPVMPSRQIVERQPRMLDFRVEYDRNDVVDLEDSDCTVGEIKQILENELQIPVKML
 LKGWKTGDVEDSTVLKSLHLPKNNSLYVLPDLPPSSSSHAGALQESLNQNFMLIITHREVQREYNLNF
 SGSSTVQEYKRNVDLTSIPVRHQLWEGWPASATDDSMCLAESGLSYPCHRLTVGRRTSPVQTRREQSEEQ
 STVVHMVSDSDGDDFEDASEFGVVDGEVFGMASSTMRSMPMPENAENEGDALLQFTAESSRYGDCHPV
 FFIGSLEAAFQEAFYVKARDRKLAIYLHHDSEVLTNVFCQMLCAESIVSYLSQNFITWAWDLTKDANR
 ARFLTMCNRHFGSVIAQTIRTQKTDQFPLFLIIMGKRSSNEVLNVIQGNNTVDELMMRLMAAMEIFSAQQ
 QEDIKDEDEREARENKREQDEAYRLSLEADRAKREAHREMAEQFRLEQIRKEQEEEREAIRLSLEQAL
 PPEPEEENAEPVSKLRIRTPSGEFLERRFLASNKLQIVDFVASKGFPWDEFKLLSTFPRRDVTQLDPNK
 SLLEVNLFQPQETLFLLAKE

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:

SgfI-MluI

Cloning Scheme:



ACCN: NM_130406

ORF Size: 1947 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_130406.1](#), [NP_569090.1](#)

RefSeq Size: 2340 bp

RefSeq ORF: 1950 bp

Locus ID: 140657

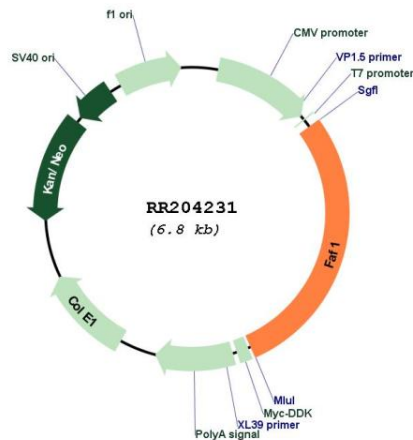
UniProt ID: [Q924K2](#)

Cytogenetics: 5q35

MW: 73.7 kDa

Gene Summary: human homolog is a member of a protein complex involved in Fas-mediated apoptosis; plays a role in negative regulation of NF-kappaB activation [RGD, Feb 2006]

Product images:



Circular map for RR204231