

## Product datasheet for RC232604

### PAAF1 (NM\_001267804) Human Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	PAAF1 (NM_001267804) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	PAAF1
Synonyms:	PAAF; Rpn14; WDR71
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>RC232604 representing NM_001267804 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGCTGGTGCCATGCTTCTTGTACAGTCTGCAGAACCGGAAACCATCTTTGTATGGCAGCCTGACTTGTC  
AAGGAATTGGCCTAGATGGCATCCCAGAGGTTACAGCTTCAGAAGGATTTACTGTGAATGAAATAAACAA  
GAAAAGCATTTCATTTTCATGTCCAAAGGAAAAATGCATCTTCTAAGTTTTGGCACCATACTACTTTT  
TCCAGAATTCATACAAAGAGTATAACATGCCTGGACATTTCCAGCAGAGGAGGTCTTGGTGTCTTCTA  
GTACTGACGGGACCATGAAAATCTGGCAGGCTTCCAATGGAGAACTCAGGAGAGTATTGGAAGGACATGT  
GTTTGATGTGAATTGTTGCAGGTTTTCCCATCAGGCCTTGTGGTCTGAGTGGGGGAATGGATGCCAG  
CTGAAGATATGGTCAGCTGAAGATGCTAGCTGCCTGGTGACCTTCAAAGGTCACAAAGGAGGTATCTGG  
ATACAGCCATCGTTGATCGGGGAGGAATGTGGTGTCTGCTTCTCGAGATGGGACAGCAGCACTTTGGGA  
TTGTGGGCGCTCAGCCTGCTTGGGAGTCTTGCAGATTGTGGTCTTCTATCAATGGAGTGGCGGTGGGT  
GCTGCTGACAACCTCATAAACCTTGGCTCCCCTGAGCAGATGCCAGTGAACGGGAGGTTGGAACAGAGG  
CCAAAATGCTGCTCTTGGCCCGGAAGATAAGAAACTTCAGTCTTGGGACTACAGAGCAGGCAGCTGGT  
GTTCTCTTTATTGGCTCAGACGCTTCAACTGCTGTACTTTCTCTCTGGCTTCTTGTATTGGCTGGG  
ACTCAAGATGGAACATTTATCAGCTGGATGTGAGGAGTCCAAGGGCTCCGGTACAAGTCATCCACAGAT  
CAGGAGCACCAGTTCTATCCCTGCTAAGTGTGAGAGATGGATTCTTGGTCTAGCCAAGGTGATGGAAGCTG  
TTTTATTGTCCAGCAAGACTTAGACTATGTCACTGAGCTCACTGGGGCTGACTGTGACCCTGTGTACAAG  
GTAGCCACATGGGAGAAGCAGATCTACACATGCTGTCGAGACGGTCTTGTACGACGCTACCAGCTTCTG  
ACCTC

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA



[View online »](#)

**Protein Sequence:** >RC232604 representing NM\_001267804  
 Red=Cloning site Green=Tags(s)

MLVPCFLYSLQNRKPSLYGSLTCQGIQLDGIPEVTASEGFTVNEINKKSIHISCPKENASSKFLAPYTTF  
 SRIHTKSITCLDISSRGGLGVSSSTDGTMKIWQASNGELRRVLEGHVFDVNCCRFPPSGLVVLSSGMDAQ  
 LKIWSAEDASCVVTFKGHKGGILDTAIVDRGRNVVSASRDGTARLWDCGRSACLGVLADCGSSINGVAVG  
 AADNSINLGSPEQMPSEREVGTEAKMLLLAREDKKLQCLGLQSRQLVFLFIGSDAFNCCTFLSGFLLLAG  
 TQDGNIIYQLDVRSPRAPVQVIHRSGAPVLSLLSVRDGF IASQGDGSCFIVQQDLDYVTEL TGADCDPVYK  
 VATWEKQIYTCCRDGLVRRYQLSDL

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

**Restriction Sites:**

SgfI-MluI

**Cloning Scheme:**

Cloning sites used for ORF Shuttling:



\* The last codon before the Stop codon of the ORF

**ACCN:** NM\_001267804

**ORF Size:** 1125 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\\_001267804.2](#)

**RefSeq Size:** 1686 bp

**RefSeq ORF:** 1128 bp

**Locus ID:** 80227

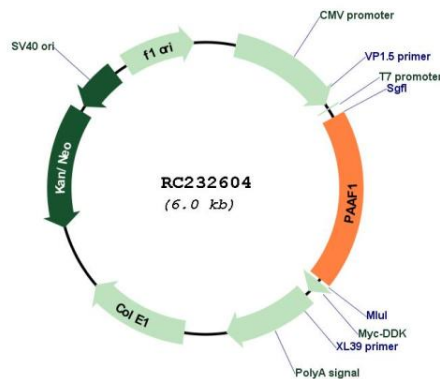
**UniProt ID:** [Q9BRP4](#)

**Cytogenetics:** 11q13.4

**MW:** 40.9 kDa

**Gene Summary:** This gene encodes a WD repeat-containing protein involved in regulation of association of proteasome components. During HIV infection, the encoded protein is thought to promote provirus transcription through recruitment of the 19S regulatory complex. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene. [provided by RefSeq, Jun 2012]

### Product images:



Circular map for RC232604