

Product datasheet for **SC110591**

PAAF1 (NM_025155) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	PAAF1 (NM_025155) Human Untagged Clone
Tag:	Tag Free
Symbol:	PAAF1
Synonyms:	PAAF; Rpn14; WDR71
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>NCBI ORF sequence for NM_025155, the custom clone sequence may differ by one or more nucleotides

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ATGGCGGCGCCTTTGAGGATTCAGAGCGACTGGGCGCAAGCCCTCAGGAAGGATGAAGGGGAGGCCTGGC
TGAGCTGTCATCCCCAGGGAAACCATCTTTGTATGGCAGCCTGACTTGTCAAGGAATTGGCCTAGATGG
CATCCCAGAGGTTACAGCTTCAGAAGGATTTACTGTGAATGAAATAAACAAAGAAAAGCATTTCATATTTCA
TGTCCAAAGGAAAATGCATCTTCTAAGTTTTTGGCACCATACTACTTTTTCCAGAATTCATACAAAGA
GTATAACATGCCTGGACATTTCCAGCAGAGGAGGCTTGGTGTGTCTTCTAGTACTGACGGGACCATGAA
AATCTGGCAGGCTTCCAATGGAGAACTCAGGAGAGTATTGGAAGGACATGTGTTTGATGTGAATTGTTGC
AGGTTTTTCCCATCAGGCCTTGTGGTCTGAGTGGGGGAATGGATGCCAGCTGAAGATATGGTCAGCTG
AAGATGCTAGCTGCGTGGTGACCTTCAAAGGTCACAAAGGAGGTATCCTGGATACAGCCATCGTTGATCG
GGGGAGGAATGTGGTGTCTGCTTCTCGAGATGGGACAGCAGCACTTTGGGATTGTGGGCGCTCAGCCTGC
TTGGGAGTCCTTGCGAGATTGTGGTTCTTCTATCAATGGAGTGGCGGTGGGTGCTGCTGACAACTCCATAA
ACCTTGGCTCCCCTGAGCAGATGCCAGTGAACGGGAGGTTGGAACAGAGGCCAAAATGCTGCTCTTGGC
CCGGGAAGATAAGAACTTCAGTGCTTGGGACTACAGAGCAGGCAGCTGGTGTTCCTCTTTATTGGCTCA
GACGCTTCAACTGCTGTACTTTTCTCTGGCTTCTTGTCTATTGGCTGGGACTCAAGATGGAACATTT
ATCAGCTGGATGTGAGGAGTCCAAGGGCTCCGGTACAAGTCATCCACAGATCAGGAGCACCAGTTCTATC
CCTGCTAAGTGTGAGAGATGGATTTCATTGCTAGCCAAGGTGATGGAAGCTGTTTTATTGTCCAGCAAGC
TTAGACTATGCTACTGAGCTCACTGGGGCTGACTGTGACCCTGTGTACAAGGTAGCCACATGGGAGAAGC
AGATCTACACATGCTGTGAGACGGTCTTGTACGACGCTACCAGCTTTTCTGACCTCTGA
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5' Read Nucleotide Sequence:

>OriGene 5' read for NM_025155 unedited
 GGATTTTGTAAATACGACTCACTATAGGGCGGCCGGAATTCGGCACGAGGCTGTCATCCC
 CCAGCCTGAGGCTCTCATCAGAAGCAGATGCTGGTGCCATGCTTCTTGTACAGTCTGCAG
 AACCGAAACCATCTTTGTATGGCAGCCTGACTTGTCAAGGAATTGGCCTAGATGGCATC
 CCAGAGGTTACAGCTTCAGAAGGATTTACTGTGAATGAAATAACAAGAAAAGCATTTCAT
 ATTTTCATGTCCAAAGGAAAATGCATCTTCTAAGTTTTTGGCACCATATACTACTTTTTCC
 AGAATTCATACAAAGAGTATAACATGCCTGGACATTTCCAGCAGAGGAGGCTTGGTGTG
 TCTTCTAGTACTACGGGACCATGAAAATCTGGCAGGCTTCCAATGGAGAACTCAGGAGA
 GTATTGGAAGGACATGTGTTTGTGTGAATTGTTGCAGGTTTTTCCCATCAGGCCTTGTG
 GTCCTGAGTGGGGGAATGGATGCCAGCTGAAGATATGGTCAGCTGAAGATGCTAGCTGC
 GTGGTGACCTTCAAAGGTCACAAAGGAGGTATCCTGGATACAGCCATCGTTGATCGGGGG
 AGGAATGTGGTGTCTGCTTCTCGAGATGGGACAGCAGACTTTGGGATTGTGGGCGCTCA
 GCCTGCTTGGGAGTCCTTGCAGATTGTGGTTCTTCTATAATGGAGTGGCGGTGGGTGCTG
 CTGACAACCTCCATAACCTTGNCTCCCTGAGCAGATGCCAGTAAAACGGGAGGTTGGA
 AACAGAGCCAAAATGCTGCTCTTGGCCCCGGAAGAAAAGAACTTAGTGCTTGGGACTCAN
 ACAGCAGCTGGTGTCTCTTTATTGCTAGACCTA

3' Read Nucleotide Sequence:

>OriGene 3' read for NM_025155 unedited
 ATCTAGAGTCGAGTTTTTTTTTTTTTTTTTTCAGGCACCTCCAAACATATTTTCTTTATT
 TCCTCCAGAGAACAGGCTTAGTACTGAGGTCCTTGTAACATTTAACAAAAGTGGTTA
 AGAACAACTAAAAGCATCTATATCCTTGCCCTGTGTGGTGGGGTGAGTTTATACAAGG
 AGAAGTTGGAACAAATGCAGTGGGCACAATGACCTTCTTACTCAGTTCAAAGTAGGTCCT
 GGGATGAGAGTCCACACGGCCAGTACAGCTGACTTTCTGTGATTTCCAAGGGTGCCCA
 AGACATTAACAGCCATGGTCCTTGGGAAGGACTGATGATGTTTCTGCTCATTTGTTGATCA
 GGGTCAAACCTTTTCACTAACCGGGACTGCTCTTTCCAAGAAGTCAGAGGTCAGAAAAGCT
 GGTAGCGTCGTACAAGACCGTCTCGACAGCATGTGTAGATCTGCTTCTCCCATGTGGCTA
 CCTTGTACACAGGGTCACAGTCAGCCCCAGTGAGCTCAGTGACATAGTCTAAGTCTTGCT
 GGACAATAAAACAGCTTCCATCACCTTGGCTAGCAATGAAATCATCTCTGACACTTAGCA
 GGGATAGAAGTGGNTGCTCTGATCTGTGGATGACTTGTACCGGAGCCCTTGNNACTCTCA
 CATCCAGCTGATAAAATGTTCCCATCTGAGTNCAGCCAATAGCAAGAAAAGCCAGAGAGA
 AAGTACAGCAGTTGAAAGCGTCTGAGCCAATAAAGAGAAAACACAGCTGCTGCTGTGATG
 TCCCAGCACTGAGTTNCTATCTTCCCAGGAGCAGCAGCATTTTGGCCTCTGTNCAACC
 TNCCGTCACTGGGCATCTGCTAAGGGGAGCAAGTTATGNAAGTGCANANCACCACCC
 GCCTTCATGGATAGAGAACACATCTGCAAGACTCCCAGCAGCTTGACCCACATCCNAAG
 ATGGCTGCCATTGGAAGCGACCAATTCTNCCGTAAGATGCTGATCAGATACTCTTTG
 ACCTG

Restriction Sites:

NotI-NotI

ACCN:

NM_025155

Insert Size:

1530 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_025155.1](#), [NP_079431.1](#)

RefSeq Size: 1585 bp

RefSeq ORF: 1179 bp

Locus ID: 80227

UniProt ID: [Q9BRP4](#)

Cytogenetics: 11q13.4

Domains: WD40

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]
Transcript Variant: This variant (4) lacks an exon in the 5' region, and initiates translation at an alternate upstream start codon, compared to variant 1. The encoded isoform (2) has a distinct N-terminus and is longer than isoform 1.