

Product datasheet for **SC321378**

PAF1 (NM_019088) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	PAF1 (NM_019088) Human Untagged Clone
Tag:	Tag Free
Symbol:	PAF1
Synonyms:	F23149_1; PD2
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC (PS100020)
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >OriGene sequence for NM_019088.2
 CTGAGTCTCGCTGGAGCTTCTCGCCCGCCACCTCATCTCAACCCACTTTCCGCGGGG
 AGCGGGCGCAAGCTGGGCCTTCTCGGATCAGGCGTCCCCTGAAGTCGGCACGCCCTCT
 GCGTCCCCCTTCGGTCCCCTAGGACCCCGTCCGGGTGCCGTGCGCTCGTATGGC
 GCCCACCATCCAGACCCAGGCCAGCGGGAGGATGGCCACAGGCCAATCCCACCGGAC
 TCTGCCTGAGAGGTCTGGAGTGGTCTGCCGAGTCAAGTACTGCAATAGCCTCCCTGATAT
 CCCCTTCGACCCCAAGTTCATCACCTACCCCTTCGACCAGAACAGGTTTCGTCCAGTACAA
 AGCCACTTCCTTGAGAAAACAGCACAAACATGACCTCCTGACTGAGCCAGACCTGGGGGT
 CACCATCGATCTCATCAATCCTGACACCTACCGCATCGACCCCAATGTTCTTCTAGATCC
 AGCTGATGAGAACTTTTGAAGAGGAGATTTCAGGCCCCACCAGCTCCAAGAGATCCCA
 GCAGCACGCAAGGTGGTCCATGGATGCGAAAGACAGAGTACATCTCCACTGAGTTCAA
 CCGTTATGGCATCTCAATGAGAAGCCTGAGGTCAAGATTGGGGTTTCTGTGAAGCAGCA
 GTTTACCGAGGAAGAAATATACAAAGACAGGGATAGCCAGATCACAGCCATTGAGAAGAC
 TTTTGAGGATGCCAGAAATCAATCTCACAGCATTACAGCAAACCCCGAGTCACACCGGT
 GGAGGTATGCCTGTCTTCCAGACTTTAAGATGTGGATCAATCCATGTGCTCAGGTGAT
 CTTTGACTCAGACCCAGCCCAAGGACACGAGTGGTGCAGCTGCGTTGGAGATGATGTC
 TCAGGCCATGATTAGGGGCATGATGGATGAGGAAGGGAACCAAGTTTGTGGCTATTTCT
 GCCTGTAGAAGAGACGTTGAAGAAAACGAAAGCGGGACCAGGAGGAGGAGATGGACTATGC
 ACCAGATGATGTGATGACTACAAAATTGCTCGGGAGTACAACCTGGAACGTGAAGAACAA
 AGCTAGCAAGGGCTATGAGGAAAACACTTCTTTCATCTTCCGAGAGGGTGACGGGGTTTA
 CTACAATGAGTTGAAACCAGGGTCCGCCTTAGTAAGCGCCGGGCCAAGGCTGGGGTTCA
 GTCAGGCACCAACGCCCTGCTTGTGGTCAAACATCGGGACATGAATGAGAAGGAAGTGA
 AGATGAGAGACAGAAGAGAAAAGAGCTGGGGGCTCAGATGAGGAGCAGGAGAAGGGCAG
 CAGCAGTGAGAAGGAGGGCAGTGAAGATGAGCACTCGGGCAGCGAGAGTGAACGGGAGGA
 AGGTGACAGGGACGAGGCCAGTGAACAAGAGTGGCAGTGGTGAAGACGAGAGCAGCGAGGA
 TGAGGCCCGGGTGCCTGACAAAGAGGAGATCTTTGGCAGTGTGCTGATTCTGAGGA
 CGATGCCGACTCTGATGATGAGGACAGAGGACAGGCCAAGGTGGCAGTGAATGATTC
 AGACAGCGGCAGCAATGGGGTGGCCAGCGGAGCCGAGCCACAGCCGACGCGCCAGTCC
 CTTCCCCAGTGGCAGCGAGCACTCGGCCAGGAGGATGGCAGTGAAGCTGCAGCTTCTGA
 TTCCAGTGAAGCTGATAGTGACAGTACTGAGTCCCAGGGCATTACAGGGTGGTTTCAGAC
 ACCATTATTGTGAGCAGCAAAGCACTTTTCTAGTGGTCTGTTTGTGAGCCTTCACTTGT
 TTGTTCCCAACCCCAACCTTTGCTGTTAATAAAGTCAACTTCTTTACTTCCCTCC
 CAGCCCTATGATGTCATTACAGCCAGCACATACCTCCCGCAACCCCAAGGTGCTCAAGG
 ATCTTGGCTTGGGCTTAGAAACACAGGCCAGAGGCAGGGCCAATGGTTTCCACAAAAT
 GTAGCACAACGAAGGTGAGAATTCGTTTTTTTTTTGTTTTTTTTTTTTTCCAAAATAAG
 CCCAGACCATTAACAAGTGAAGTCAACAAAAA
 AAAAA

Restriction Sites: Please inquire

ACCN: NM_019088

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).

OTI Annotation: This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.

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:	<ol style="list-style-type: none">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_019088.2 , NP_061961.2
RefSeq Size:	2164 bp
RefSeq ORF:	1596 bp
Locus ID:	54623
UniProt ID:	Q8N7H5
Cytogenetics:	19q13.2
Domains:	Paf1
Gene Summary:	<p>This gene encodes a subunit of the polymerase associated factor (PAF1) complex. The PAF1 complex interacts with RNA polymerase II and plays a role in transcription elongation as well as histone modifications including ubiquitylation and methylation. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene. [provided by RefSeq, Feb 2012]</p> <p>Transcript Variant: This variant (1) represents the longest transcript and encodes the longer isoform (1).</p>