

Product datasheet for **SC336544**

PAF49 (CD3EAP) (NM_001297590) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	PAF49 (CD3EAP) (NM_001297590) Human Untagged Clone
Tag:	Tag Free
Symbol:	PAF49
Synonyms:	ASE-1; ASE1; CAST; CD3EAP; PAF49; RPA34
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >SC336544 representing NM_001297590.
 Blue=Insert sequence Red=Cloning site Green=Tag(s)

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GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTGCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCACGATCGCC
ATGGAGGAGCCCCAGGCCGGCGGTGAGGATGCTGCTCGTTCTCTTGTCSSCCAACTTTACCGCGAAG
CCCCAGCCTCAGAGTCCCCTCGTTTCTCCTTGGAGGCGTGACGGGTCCAGATACGGAGCTGTGGCTT
ATTCAGGCCCTGCAGACTTGGCCAGAAATGCTTCAATGGGCGGCATGTGCCTCTCTGGCTCCAG
ATCGTCAAGGGCAAATTGGCAGGCAAGCGGCACCCTATCGAGTCTCAGCAGCTGTCCCAAGCTGGA
GAAGCGACCCTGTGGCCCCCTCAACGGAGGCAGGAGGTGGACTCACCTGTGCCTCAGCCCCCAGGGC
ACCCTAAGGATCCTTGGGGTCCCAGCAATCCCTGTCAGGGAGCCCTCTGCAGCCCATCCAGCAAGT
CCCCACCACAGATCCCTCCTGGCCTGAGGCTCGTTTCTGTGCCTTGGGGCAACCCACCAGTCACA
GGGCTAGGTGAGCTTGGCCCCAACCTGCTCACCTCAGGAAGAAGAAAAGGAGATGCAGGTGACA
GAGGCCCAGTCACTCAGGAGGCAGTGAATGGCACGGGGCCCTGGAGGTGGACATGGCTTTGGGGTCG
CCAGAAATGGATGTGCGGAAGAAGAAGAAAAAATCAGCAGCTGAAAGAACCAGAGGCAGCAGGG
CCTGTGGGGACAGAGCCACAGTGGAGACTGGAGCCTCTGGGAGTGTGTTCCCGTCCACCACCAAG
AAGAGGAAGAAGCCAAAGGGAAAGAACTTCGAGCCAGAAGACAAGACAGTGAAGCAGGAACAGATT
AACACTGAGCCTCTAGAAGACACAGTCTGTCCCCGACAAAAAGAGAAAGGGCAAAAGGGGACGGAA
GGGATGGAGCCAGAGGAGGGGTGACAGTTGAGTCTCAGCCACAGGTGAAGGTGGAGCCACTGGAGGAA
GCCATCCCTCTGCCCCCTACGAAGAAGAGGAAAAAAGAAAAGGGACAGATGGCAATGATGGAGCCAGGG
ACGGAGGCGATGGAGCCAGTGGAGCCGGAGATGAAGCCTCTGGAGTCCCCAGGGGGACCATGGCGCCT
CAACAGCCAGAAGGAGCGAAGCCTCAGGCCCAGGCAGCTCTGGCAGTCCAAAAAAGAAGACGAAGAAA
GAAAAACAGCAAGATGCCACAGTGGAGCCAGAGCAGAGGTGGTGGGGCCTGAGCTGCCGGATGACCTT
GAGCCTCAGGCAGCTCCACATCCACCAAGAAGAAGAAGAAGAAGAAGAGAGAGGTACACACAGTACT
GAGCCAATTCAGCCACTAGACCTGAAGTCCAGGGGAGGGACAGCCTGAAGCCAGGGCAACTCCGGGA
TCCACCAAGAAGAGGAAGAAGCAGAGTCAAGAAAGCCGGATGCCAGAGACAGTGCSCCAAGAGGAGATG
CCAGGGCCGCACTGAATTCAGAGTCTGGGGAGGAGGCTCCACAGGCCGGGACAAGAAGCGGAAGCAG
CAGCAGCAGCAGCCTGTGTAG
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTAAACGGCCGGC
  
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- Restriction Sites:** SgfI-MluI
- ACCN:** NM_001297590
- Insert Size:** 1539 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_001297590.1
RefSeq Size:	3292 bp
RefSeq ORF:	1539 bp
Locus ID:	10849
UniProt ID:	O15446
Cytogenetics:	19q13.32
Protein Families:	Transcription Factors
MW:	55.2 kDa
Gene Summary:	<p>DNA-dependent RNA polymerase catalyzes the transcription of DNA into RNA using the four ribonucleoside triphosphates as substrates. Component of RNA polymerase I which synthesizes ribosomal RNA precursors. Isoform 1 is involved in UBTF-activated transcription, presumably at a step following PIC formation.[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (1) represents the longer transcript and encodes the longer isoform (1).</p>