

Product datasheet for **RC200103**

PAF1 (NM_019088) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	PAF1 (NM_019088) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	PAF1
Synonyms:	F23149_1; PD2
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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ORF Nucleotide Sequence:

>RC200103 representing NM_019088
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCGCCACCATCCAGACCCAGGCCAGCGGGAGGATGGCCACAGGCCAATCCACCGGACTCTGC
 CTGAGAGGTCTGGAGTGGTCTGCCGAGTCAAGTACTGCAATAGCCTCCCTGATATCCCCTTCGACCCCAA
 GTTCATCACCTACCCCTTCGACCAGAACAGGTTCTGCCAGTACAAAGCCACTTCTTGGAGAAAACAGCAC
 AAACATGACCTCCTGACTGAGCCAGACCTGGGGTCCACATCGATCTCATCAATCCTGACACCTACCGCA
 TCGACCCCAATGTTCTTCTAGATCCAGCTGATGAGAACTTTTGGAAAGAGGAGATTCAGGCCCCACCGAG
 CTCCAAGAGATCCAGCAGCAGCGAAGGTGGTCCATGGATGCGAAAGACAGAGTACATCTCCACTGAG
 TTCAACCGTTATGGCATCTCAATGAGAAGCCTGAGGTCAAGATTGGGGTTTCTGTGAAGCAGCAGTTTA
 CCGAGGAAGAAAATACAAAGACAGGGATAGCCAGATCACAGCCATTGAGAAGACTTTTGGAGATGCCCA
 GAAATCAATCTCACAGCATTACAGCAAACCCCGAGTCACACCGGTGGAGGTCATGCCTGTCTTCCAGAC
 TTTAAGATGTGGATCAATCCATGTGCTCAGGTGATCTTTGACTCAGACCCAGCCCCAAGGACACGAGTG
 GTGCAGCTGCGTTGGAGATGATGTCTCAGGCCATGATTAGGGGCATGATGGATGAGGAAGGGAACCGTT
 TGTGGCCTATTTCTGCCTGTAGAAGAGACGTTGAAGAAACGAAAGCGGGACCAGGAGGAGGAGATGGAC
 TATGCACCAGATGATGTGTATGACTACAAAATTGCTCGGGAGTACAACCTGGAACGTGAAGAACAAAGCTA
 GCAAGGGCTATGAGGAAAACACTTCTTCATCTCCGAGAGGGTGACGGGGTTTACTACAATGAGTTGGA
 AACCAGGGTCCGCCTTAGTAAGCGCCGGCCAAGGCTGGGGTTCAGTCAGGCACCAACGCCTGCTTGTG
 GTCAAACATCGGGACATGAATGAGAAGGAACTGGAAGCTCAGGAGGCACGGAAGGCCAGCTAGAAAACC
 ACGAACCGGAGGAGGAAGAGGAAGAGGAGATGGAGACAGAAGAGAAAGAAAGCTGGGGGCTCAGATGAGGA
 GCAGGAGAAGGGCAGCAGCAGTGAAGAGGGCAGTGAAGATGAGCACTCGGGCAGCGAGAGTGAACGG
 GAGGAAGGTGACAGGGACGAGGCCAGTGAAGAGTGGCAGTGGTGGAGCAGAGCAGCGAGGATGAGG
 CCCGGGCTGCCCGTGACAAAGAGGAGATCTTTGGCAGTGTGCTGATTCTGAGGACGATGCCGACTCTGA
 TGATGAGGACAGAGGACAGGCCAAGGTGGCAGTGAACATGATTGAGACAGCGGCAGCAATGGGGGTGGC
 CAGCGGAGCCGGAGCCACAGCCGACGGCCAGTCCCTTCCCAGTGGCAGCGAGCACTCGGCCAGGAGG
 ATGGCAGTGAAGCTGCAGCTTCTGATTCCAGTGAAGCTGATAGTGACAGTGAC

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC200103 representing NM_019088
 Red=Cloning site Green=Tags(s)

MAPTIQTQAQREDGHRPNSHRTLPERSGVVCVRVYCNLSLPDIPDFPKFITYPFDQNRVQYKATSLEKQH
 KHDLLTEPDLGVTIDLINPDTYRIDPNVLLDPADEKLLLEEIQAPTSSKRSQQHAKVVPWMRKTEYISTE
 FNRYGISNEKPEVKIGVSVKQFTEEEIYKDRDSQITAIKTFEDAQKSI SQHYSKPRVTPVEVMPVFPD
 FKMWINPCAQVIFDSDPAPKDTSGAAALEMMSQAMIRGMMDEEGNQFVAYFLPVEETLKKRKRQEEEMD
 YAPDDVYDYKIAREYNWNVKNKASKGYEENYFFIFREGDVVYNELETRVRLSKRRAKAGVQSGTNALLV
 VKHRDMNEKELEAQEARQAQLENHEPEEEEEEMETEEKEAGGSDEEQEKGSSEKEGSEDEHSGSESER
 EEGDRDEASDKSGSGEDESSEDEARAARDKEEIFGSDADSEDDADSDDEDRGQAQGGSDNDSGSGSNGG
 QRSRSHRSASPFPSGSEHSAQEDGSEAAASDSSEADSDSD

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Chromatograms:

https://cdn.origene.com/chromatograms/mk8120_e09.zip

Restriction Sites:

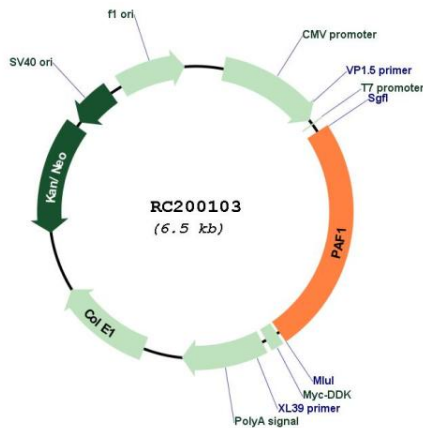
Sgfl-Mlul

Domains: Paf1

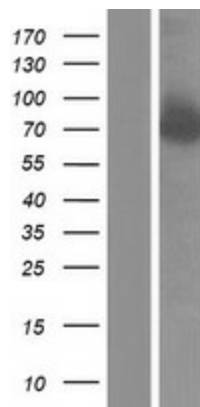
MW: 60.4 kDa

Gene Summary: 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]

Product images:



Circular map for RC200103



Western blot validation of overexpression lysate (Cat# [LY412770]) using anti-DDK antibody (Cat# [TA50011-100]). Left: Cell lysates from untransfected HEK293T cells; Right: Cell lysates from HEK293T cells transfected with RC200103 using transfection reagent MegaTran 2.0 (Cat# [TT210002]).