

Product datasheet for SC211251

PAIP2 (NM_016480) Human 3' UTR Clone

Product data:

Product Type: 3' UTR Clones
Product Name: PAIP2 (NM_016480) Human 3' UTR Clone
Symbol: PAIP2
Synonyms: PAIP-2; PAIP2A
Mammalian Cell Selection: Neomycin
Vector: pMirTarget (PS100062)
ACCN: NM_016480

Insert Size: 949 bp

Insert Sequence: >SC211251 3'UTR clone of NM_016480
The sequence shown below is from the reference sequence of NM_016480. The complete sequence of this clone may contain minor differences, such as SNPs.
Blue=Stop Codon Red=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
GTTCTGGGGTGAAGTACGGAATATTTGAGTAGACGGGGCCCTCTTTGGTGGATGTAGCACAAATTC
CACACTGTGAAGGCAGTATTAGAAGACTTAATTGTAAGCTCTCTTGCTACTGTGTACACTTATGCA
TTGCCAAAGTTTTGTTAGTCTTGCATGCTTAATAAAAGTGCTGAGACTGTACTAAGTAAAAGCTGT
CAAACATTTACTGAAAATAGAATTGGCCCCATGGCTTGATGTGAAGACAGCAAGGAAAGAAGCACCAGT
CAAGTTGTGAACAAGCACCAAATTAAGACCTAAACCTTACCAAATTGCTTTTTTTGAGGCTAACTCT
ATCACTTGTTAATGTCTAAACTTTAAAATCAGTACATTTAATTTGAGTTCCTCAACTGTTAAGCATATTTTC
TCAGACTTAAATTTGATTATGTCCCATCAAAAAGAACTCCATTTCTGAAGGTCTGTTAGTTAATTT
GAGATAATTTGTTAAAGGCAAGTATGTCATATTACTGAGGCTACAAGTTAGTCAGCAGATGAGTGCCAG
TCCAGCCTTTCTGGTATGTTATTGTTAGAAATATTGAGTTCTAATGTTACATCTGAGGAAGTATGTAA
TTTGAGAATTGTAACCTTAAGGGATTCCTGCATCATAGCTATGCCTGTATGGAGTCTAACATATGAC
CAATACCAACCCATAATCCAGCTGAACAAGATACTGTAACATGATTTGAGTGGTGGCTTTTCCTTGCTT
TGTTAACCATCACGAGAGTCTGCAGCACAACTTTTAACAAGCTAGAACAGTTTTGGCTTCTTAAACTT
CATATTTGGGTAGGTTAAGCTGCCATACGTGTTACAGTGTGAATAGTGTTAAGTTGAAAATATTGTAAA
AAAATTATATTTTTTCAAAAATATTTAAAAAAATAAATAATAGTAGAACTGA
ACGCGTAAGCGGCCGCGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTTGATTCCACCGCCGCTTCTATGAAAGG
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Restriction Sites: SgfI-MluI



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OTI Disclaimer:	Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences , e.g., single nucleotide polymorphisms (SNPs).
Components:	The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.
RefSeq:	NM_016480.5
Summary:	Acts as a repressor in the regulation of translation initiation of poly(A)-containing mRNAs. Its inhibitory activity on translation is mediated via its action on PABPC1. Displaces the interaction of PABPC1 with poly(A) RNA and competes with PAIP1 for binding to PABPC1. Its association with PABPC1 results in disruption of the cytoplasmic poly(A) RNP structure organization.[UniProtKB/Swiss-Prot Function]
Locus ID:	51247
MW:	36.7