

Product datasheet for MR215919

Paip1 (NM_145457) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Paip1 (NM_145457) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Paip1
Synonyms:	PAIP-1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>MR215919 representing NM_145457 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGTCGGACAGTTTCGATCGGGCTCCAGAACAACGAAGCCCCAGAGAGCTCCACCTAGTTCACAGGATA
AAATCCCACAGCAGAACTCGGAGTCAGCAATGGCTAAGCCCCAGGTGGTTGTGGCTCCTGTGTTAATGTC
TAAGCTGTCTGCGAACGCCCGAATTTACCCATCAGGTTATTCTTCTAATTATACAGAATCCTATGAG
GATGGTTGTGAGGATTACCCGACTCTCTCAGAATACGTTACAGGATTTTCTGAATCATCTGACAGAACAGC
CTGGTAGTTTTGAAACAGAAATTGAACAGTTTGCAGAAACCTGAATGGATGGGTACAACAGATGATGC
TTTGCAAGAACTTGGAACCTTATCTACCAACAGGCCACGTCTATCCCAAATTTCTTTACATGGGAGCT
CGCCTGTGTAATTACCTGTCCCATCATCTGACAATTAGTCCACAGAGTGGCAACTCCGCCAATTGCTAC
TTCAAAGGTGCAGGACGGAGTATGAAGCTAAAGACCAAGCTGCAAAAGGGGATGAAGTACTCGAAAACG
ATTTATCGATTTGTTCTGTTTCTGGGAGAACTATATCTTAACCTGGAGATTAAGGAACAAATGGACAA
GTTACAAGAGCAGATATTCTTCAGGTTGGTCTTCGGGAAGCTGCTGAATGCTCTGTTTTCTAATCCTATGG
ATGACAACCTAATTTGTGCAGTAAAATTGCTAAAGTTGACAGGATCAGTTTTAGAAGATACTTGGAAGGA
AAAGGGGAAAACGTGATATGGAAGAAATAATTCAGAGAATTGAAAATGTTGCTCCTAGATGCAAACTGCAGC
AGAGATGTAACACAGATGCTCTTGAAGCTTGTGAAGCTTCGATCAAGTAACTGGGTAGGGTCCATGCAA
CTTCAACATACAGAGAAGCTACCCCTGAAAATGACCCTAATTACTTCATGAATGAACCAACATTTTATAC
ATCTGATGGTGTTCCTTTCACTGCAGCGGACCCAGATTACCAAGAAAAGTATCAAGAGTTACTTGAAAGA
GAGGACTTTTTTCCAGATTATGAAGAAAATGGAACAGATTTATCAGGGGCTGGTGACCCATATTTGGATG
ATATCGATGATGAGATGGACCCAGAAATTGAAGAAGCTTATGAAAAGTTTTGTTTGAATCAGAGCGCAA
GCGAAAACAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



[View online >](#)

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_145457.4](#), [NP_663432.1](#)

RefSeq Size: 4676 bp

RefSeq ORF: 1203 bp

Locus ID: 218693

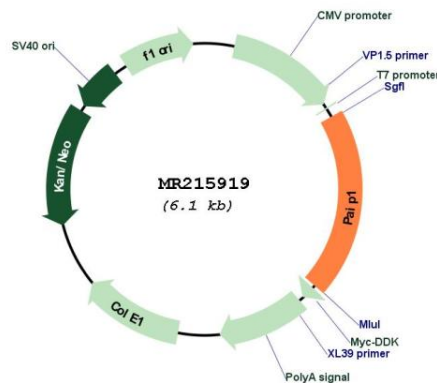
UniProt ID: [Q8VE62](#)

Cytogenetics: 13 D2.3

MW: 46.2 kDa

Gene Summary: Acts as a coactivator in the regulation of translation initiation of poly(A)-containing mRNAs. Its stimulatory activity on translation is mediated via its action on PABPC1. Competes with PAIP2 for binding to PABPC1. Its association with EIF4A and PABPC1 may potentiate contacts between mRNA termini. May also be involved in translationally coupled mRNA turnover. Implicated with other RNA-binding proteins in the cytoplasmic deadenylation/translational and decay interplay of the FOS mRNA mediated by the major coding-region determinant of instability (mCRD) domain (By similarity).[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for MR215919