

Product datasheet for **RN216991**

Epm2aip1 (NM_001271384) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Epm2aip1 (NM_001271384) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Epm2aip1
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN216991 representing NM_001271384
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGTGGATGACGCCAAGAGGATTAGGATGGAAGTCGACGAGGCTCTGGTGTTCGGCCGAGTGGACCC
 AGCGTTACCTGGTGGTGGAGCCTGCGGAGGGTGACGGGGCCCTGTGCCTGGTGTGTCGCCGCTGGTTCGC
 CTCTACTCGGGAACGCGACGTGAGGCGCCACTACGAAGCCGAACACGAATTCTACGAACGGTTTGTAGGG
 GACGAGGAACGCGCGCCCTGGTGGAGCGTCTGCGGCAGGGCGACATGTCTTTGGCTGCCGTTCTCACTC
 CGGAGGAGAGAGCTACGCGGGCAGGCTCGGCCTCTGCCGCTTCTGGCCTTGAAGGGTCGCGGCTGGGG
 TGAGGGTGACTTCGTTACCAGTGCATGGAGGTGTTGCTGAGAGAGGTGCTGCCGGATCACGTGCGCGTC
 CTGGAAGGCATTGATTTATCTCCAGAGATCACACGGCAGAGAATTCTGAGCATTGACAGCAACCTCCGTA
 GCCAGCTGTTAACCGAGCCAGGACTTAAGGCCTATCCCTTGTCTTGGATGACCAGGCTTTTGTGGC
 CTATGAGAACTACCTGCTGGTTTTTCATCCGTGGCGTCGCGCGCAGCTGGAGGTGCAAGAAGATCTTCTG
 ACCATTATCAACCTGACTCATCACTTCAGTGTGGGGCTCTCATGTCCGCAATTCTGGAGGCCCTGCAGA
 CAGCAGGGCTCAGCTTACAGCGAATGGTTGGACTGACCACGACCCACACCTTGAGGATGATTGGCGAGAA
 CTCCGGACTGGTCTCCTACATGAGAGAAAAGGCTGTGAGTCCCAACTGTTGGAACGTTATCCACTATTCA
 GGATTTCTTCACTTGGAACTGTTGAGTCTTACGATGTTGATATTAATCAGATCATAAATACCATCTCCG
 AATGGGTAGTCATGATTAACCAGAGGTGTTAGGCGGCCAGAGTCCAGTCTTTACTGACTGAGTCTGA
 ATCAGAGCATGGAGAGAGTAAATGGACGGTGTGAAACACTGGCTGAGAAGAGGCCAAAACGTTAAAA
 CTAATATTTTCGTAAGGAAAGAAATCGAGGCGTCTTGGTTTCGGTGGGGCAACAACAGTTCATTCTC
 CAGACAAGCAGTGGCTTTGTGATTTTCGGTTCTTGGTAGACATCATGGATTACCTCCGAGAGATCAGTGA
 AGAACTGCAAATCAGTAAAGTCTTGTGCTGCCGCTTTGAACGCATCTGCACCTTTGAGGATAAGCTG
 AGCTCCCTTCAGAGACATATGGAAGAAGTAAATCTAACAGACTTTCCTGCCTTCAGCATAATCGTTGATG
 AACTCAACAGCAGTAAAGGAAGATCAAAAAATATTTGATCCTGACAGGTATCAATGGTATCTCCCG
 CCTACAAAAGATTTTGAGAGACATTTCAAGGACCTCAGGTTCAAAAAAGGACTTGGAACTTTTCTCA
 AATCCATTTAGCTTCAAACCGGAATATGCGCCTATTTCCGTAAGAGTGGAGCTAACAAAACCTCAGGGGA
 ACACCGACCTGTGGAATGAGTACAGAGTCAAAGACTTGGGACAGTTTTATGCTGGACTGTCTGGGGAAGC
 TTACCAATTATCAAAGGGTGGCTATAAGGTGGCATCCTATTTGATAGTAACCAATCTGTGATAAG
 GCTTTTGCATATTTAACTCGAAACAGCACACGTTGAGCCAGCCACTGACGGACGAGCATCTCCAAGCGC
 TATTTTCGAGTTGCCACAACCTGAAATGGATCCCCGTTGGGATGATCTTGTGAGAGAGAAAATGACTCATA
 A

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_001271384
- Insert Size:** 1821 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).
- OTI Annotation:** Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
- 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_001271384.1](#), [NP_001258313.1](#)

RefSeq Size: 7349 bp

RefSeq ORF: 1821 bp

Locus ID: 316021

Cytogenetics: 8q32