

## Product datasheet for **MC202290**

### Paip1 (NM\_145457) Mouse Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Paip1 (NM\_145457) Mouse Untagged Clone  
**Tag:** Tag Free  
**Symbol:** Paip1  
**Synonyms:** PAIP-1  
**Mammalian Cell Selection:** Neomycin  
**Vector:** PCMV6-Kan/Neo (PCMV6KN)  
**E. coli Selection:** Kanamycin (25 ug/mL)

**Fully Sequenced ORF:** >BC051042 sequence for NM\_145457  
 GGGAGGGCGGACGCTGTGCTGCGGCGCTCGGCGGGGCCGGAGCGGAGGACCGAGCAGGGAGCGCCGG  
 CCTCCTCCATGAGGCCTGAGTGAGGCGCGCGGTGACAGGCGGCCCGGCGCCTCCCGCGTGTCTAGC  
 CGGAACTGCGGGCGGCGGCGGCGGCCCGTTGGAGAGGCAGGAGCATGTCGGACAGTTTCGATCGGG  
 CTCCAGAACAACGAAGCCCCAGAGAGCTCCACCTAGTTCACAGGATAAAAATCCACAGCAGAAGCTCGGA  
 GTCAGCAATGGCTAAGCCCCAGGTGGTTGTGGCTCCTGTGTTAATGTCTAAGCTGTCTGCGAAGCGCCCC  
 GAATTTTACCCATCAGGTTATTCTTCTAATTATACAGAATCCTATGAGGATGGTTGTGAGGATTACCCGA  
 CTCTCTCAGAATACGTTCCAGGATTTTCTGAATCATCTGACAGAACAGCCTGGTAGTTTTGAAACAGAAAT  
 TGAACAGTTTGCAGAAACCCTGAATGGATGGGTCACAACAGATGATGCTTTGCAAGAACTTGTGAACTT  
 ATCTACCAACAGGCCACGTCTATCCAAATTTCTTACATGGGAGCTCGCCTGTGTAATTACCTGTCTC  
 ATCATCTGACAATTAGTCCACAGAGTGGCAACTCCGCCAATTGCTACTTCAAAGGTGCAGGACGGAGTA  
 TGAAGCTAAAGACCAAGCTGCAAAAGGGGATGAAGTGACTCGAAAACGATTTTCATGCATTTGTTCTGTTT  
 CTGGGAGAACTATATCTTAACCTGGAGATTAAGGAACAATGGACAAGTTACAAGAGCAGATATTTCTTC  
 AGGTTGGTCTTCGGAACTGCTGAATGCTCTGTTTCTAATCCTATGGATGACAACCTAATTTGTGCAGT  
 AAAATTGCTAAAGTTGACAGGATCAGTTTTAGAAGATACTTGGAAAGGAAAAGGGGAAAACGATATGGAA  
 GAAATAATTCAGAGAATTGAAAATGTTGCTCCTAGATGCAAACTGCAGCAGAGATGTAACACAGATGCTCT  
 TGAAGCTTGTGAACTTCGATCAAGTAACTGGGTAGGGTCCATGCAACTTCAACATACAGAGAAGCTAC  
 CCCTGAAAATGACCCTAACTACTTCATGAATGAACCAACATTTTATACATCTGATGGTGTTCCTTCACT  
 GCAGCGGACCCAGATTACCAAGAAAAGTATCAAGAGTTACTTGAAGAGAGGACTTTTTTCCAGATTATG  
 AAGAAAATGGAACAGATTTATCAGGGGCTGGTGACCCATATTTGGATGATATCGATGATGAGATGGACCC  
 AGAAAATGAAGAAGCTTATGAAAAGTTTTGTTTGAATCAGAGCGCAAGCGAAAACAGTAAAGTTAAATT  
 TGAGGATACAGTTTTTTTTTTTTTTTTTAAAGTTTAGGTATGGTGATTTAGAAGAACACAGGAAAGCA  
 AGAAACTGTGTCAGACTTATACCAAATTAAGGATTTTGTAGTTATGTTACTAATGTATGCAACTTTAATTT  
 TGTTTTAACTACCTGCCAAAATAAACTTTATTCCCTGTAACCTAAAATGTGTATATATATAATAGTT  
 TTATTATGTACAGTTAATTCTACTGTTTTGGCTGCAATAAAATCGATTTTGAIAAAAAAAAAAAAAAAAAA  
 AAAAAAAAAAAAAAAAAAAAAAAAAAAAAA



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<b>Restriction Sites:</b>	RsrII-NotI
<b>ACCN:</b>	NM_145457
<b>Insert Size:</b>	1203 bp
<b>OTI Disclaimer:</b>	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).
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<a href="#">BC051042</a> , <a href="#">AAH51042</a>
<b>RefSeq Size:</b>	1707 bp
<b>RefSeq ORF:</b>	1203 bp
<b>Locus ID:</b>	218693
<b>UniProt ID:</b>	<a href="#">Q8VE62</a>
<b>Cytogenetics:</b>	13 D2.3
<b>Gene Summary:</b>	<p>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]</p> <p>Transcript Variant: This variant (1) represents the longer transcript and encodes the longer isoform (1). Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.</p>