

Product datasheet for **SC216232**

Pumilio 1 (PUM1) (NM_014676) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	Pumilio 1 (PUM1) (NM_014676) Human 3' UTR Clone
Symbol:	Pumilio 1
Synonyms:	HSPUM; PUMH; PUMH1; PUML1; SCA47
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_014676
Insert Size:	1735 bp



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Insert Sequence: >SC216232 3'UTR clone of NM_014676
 The sequence shown below is from the reference sequence of NM_014676. 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
ATCTGTGGCCCCCTAATGGTATCATCTGAGGCAGTGTCAACCCGCTGTTCCCTCATTCCCGCTGACCTC
ACTGGCCCACTGGCAAATCCAACCAAGCAACCAAGAAATGTTCTAGTGTAGAGTCTGAGACGGCAAGTGG
TTGCTCCAGGATTACTCCCTCCTCAAAAAAGGAATCAAATCCACGAGTGGAAAAGCCTTTGTAAATTT
AATTTTATTACACATAACATGTAATTTTTTTAATTGACTAATTGCCCTGCTGTTTACTGGTGTAT
AGGATACTTGTACATAGGTAACCAATGTACATGGGAGGCCACATATTTGTTCACTGTTGTATCTATAT
TTCACATGTGGAACTTTAGGGTGGTTGGTTTAAACAAAAAAGCTTTAAAAAAGAAAAA
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CATTTAACTGTTTATAAAAAATATATATATATATATATAATGAAAAGGTTTCAGAGTT
GCTAAAGCTTCAGTTTGTGACATTAAGTTTATGAAATTCTAAAAATGCCTTTTTTGGAGACTATATTA
TGCTGAAGAAGGCTGTTTCGTGAGGAGGAGATGCGAGCACCCAGAACGCTTTTTGAGGCTGGGCGGTGT
GATTGTTTACTGCCTACTGGATTTTTTCTATTAACATTGAAAGGTAAAACTGATTATTTAGCATGAG
AAAAAATCCAACCTGCTTTTGGTCTTCTATAAATATATAGTGTATACTTGGTGTAGACTTT
GCATATACAAATTTGTAGTATTTCTGTTTGTATGCTAATCTGTATCTATAATGTACCCTAGTAG
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CAACATAACACGTTTTTTGGTAAGAAAAGAGAATTAGCCAGCCCTGTGCATTCACTGTATATTTTCAC
CTTTTATGGTCGTAGCATATAGTGTGATATTGTAATTTCAACCAGAAGTAAATTTTTTTC
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CAGAAGATGAAGTGTATTTGCATTTTGTCTACTTGTAAAGTGAATGAACATACTGTCAATTTCCCTTG
TTTGAATATAGAATTGTAACACTACACGGTGTACATTTCCAGAGCCTTGTGTATATTTCCAATGAAGT
TTTTGCAAGCACACTTGAACCATATGTGTATAATTAACAAACCTGTGTATGCTTATGCCTGGGCAACT
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TTGGAATCTG
ACGCGTAAAGCGCCGCGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCCTTCTATGAAAGG
  
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Restriction Sites: Sgfl-MluI

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_014676.3](#)

Summary: This gene encodes a member of the PUF family, evolutionarily conserved RNA-binding proteins related to the Pumilio proteins of *Drosophila* and the fem-3 mRNA binding factor proteins of *C. elegans*. The encoded protein contains a sequence-specific RNA binding domain comprised of eight repeats and N- and C-terminal flanking regions, and serves as a translational regulator of specific mRNAs by binding to their 3' untranslated regions. The evolutionarily conserved function of the encoded protein in invertebrates and lower vertebrates suggests that the human protein may be involved in translational regulation of embryogenesis, and cell development and differentiation. Alternatively spliced transcript variants encoding different isoforms have been described. [provided by RefSeq, Jul 2008]

Locus ID: 9698

MW: 67.7