

Product datasheet for **SC210402**

APEG1 (SPEG) (NM_005876) Human 3' UTR Clone

Product data:

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| Product Type: | 3' UTR Clones |
| Product Name: | APEG1 (SPEG) (NM_005876) Human 3' UTR Clone |
| Symbol: | APEG1 |
| Synonyms: | APEG-1; APEG1; BPEG; CNM5; MYLK6; SPEGalpha; SPEGbeta |
| Mammalian Cell Selection: | Neomycin |
| Vector: | pMirTarget (PS100062) |
| ACCN: | NM_005876 |
| Insert Size: | 873 bp |
| Insert Sequence: | >SC210402 3'UTR clone of NM_005876 The sequence shown below is from the reference sequence of NM_005876. 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
CTGCTGCGCTCCTACCCTGGCGGCCCTTAGAGGCACGGACCACAGCCAGGCCTCGGGCTTCAACTGGGG
TTCCCACCAATGCCACGGGACATTCCAGGGCCACGCTGAGCCAGGCGGGCTGGGGCTTCGGTTACCA
CCAGCAGCAACATCTGGCTGGGCTTTACCTCATAGACCTTCAAGGACAGAGACCCAGGGCCTGGACC
TGATGCCACCCAGGCCAAAGCCAGAGTGGGAGACCCATTGGTCAGGCTCAGCAGGTGGGAACAGGCA
GAGGGACAAGAGGGGAATGGAGAAGTGGAGAGGAAAAGGAATCGAGGGACAGGAAGGGGAGGCTCTAG
GAAGGTTCTGGGTTGGGGTCAGTGCATCTCAGGGAGAACCAAGGAAGGTGGGCATGGCTGGAGAGGAG
GAAAAGGAAGGAGCCCCAGGTGTGAGGGCAGTAGGCTGGGAGTCAGTGTGGCAAAGCGGGGGCAGGACA
CAGATACAGTGGCAGGGGCCAGGGCTGGGACATGAGAGAAGGCAGCGAGGCGGCAGAGGGAGAAGAGA
GGACTCAGGTGGAGTGGGGTGGGTGAGCTGTGAGCATCCCTCAGAGGAGAAATGTGGAGAGCTGGAGG
CCAGCAGTCACTCAGCTCGTCTGTCCCTGTCCAGTGGATACAGCCCTGGGCCTCTGCTGGCCCA
AGGATGTCCCACTGCCCTCCATGGCCTCTGGCCTTCTTCCCATTATATTTATTTATTGACTT
TTATGAAGTTTCCCCTCCATCCGATCCCTACTGCCATGTTGTCTGACCATCCCTCCCAGCCATCCA
GCTGTCTGTCTGTGCCACAAGGAAATAAAAATGGCAAAGCAGCA
ACGCGTAAGCGGCCGCGCATCTAGATTGAAAGAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG

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Restriction Sites: Sgfl-Mlul



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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: | <u>NM_005876.5</u> |
| Summary: | This gene encodes a protein with similarity to members of the myosin light chain kinase family. This protein family is required for myocyte cytoskeletal development. Along with the desmin gene, expression of this gene may be controlled by the desmin locus control region. Mutations in this gene are associated with centronuclear myopathy 5. [provided by RefSeq, Jun 2016] |
| Locus ID: | 10290 |
| MW: | 31.8 |