

Product datasheet for MC224695

Peg3 (NM_008817) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Peg3 (NM_008817) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Peg3
Synonyms:	AL022617; ASF-1; End4; Gcap4; mKIAA0287; Pw1; Zfp102
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>MC224695 representing NM_008817 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGTACCATCACGAAGACGACACCAACAGTGACATGAACAGTGACGACGACATGAGCCGAAGTGGGAGAG
AAACCCACCCCTCGACCATCTCATGCTTTTGGCAGTGAGCGAGACCTGGAGCGCAGGGGCGAGAAGCAG
AGATGTGGAGCCTCGAGACCGCTGGCCATACACCAGGAATCCCAGAAGCAGGCTGCCTCAACGGGATCTT
TCTCTTCTGTGATGTCAAGACCACATTTTGGACTGGACAGAGATGATGACAGACGTTCCATGGATTATG
AGTCTCGATCCCAGGATGCCGAGTCATACCAGAATGTTGTGGAACCTCAAAGAGGACAAGAAGCCTCAGAA
TCCAATTCAGGACAACCTGGAGAACTACAGAAAGCTGCTCTCGCTGGGAGTCCAGCTTGGCGAAGATGAC
CGACACTCTCACATGACACAAGGCCACTCATCGAGGTCCAAGAGAAGTGCCTACCCAAGCACCAGCCGAG
GTCTCAAACCCATGCCTGAGGCCAAAAAGCCATCCCACAGGCGTGGATCTGTGAGGACGAGTCTTCTCA
TGGAGTGATAATGGAAAAATTCATCAAGGATGTGGCTCGCAACCCCAAATCCGGAAGAGCAAGGGAGCTG
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AGTCAGTGATCCAGGAGGGGTTATGAAGGGAGCGCATTTAGGGCGGGTCCGGTTCAACGCAGACCT
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CATGAGCATAAAAAGCTGTGTGAGGAAGAAGCCTTTTGTGAGTGTGGTGTGAGATGAGACAGGCTATGAGCA
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TGATGAGTGGGGAGGAGTTCAGTGTCATCTCTGAGTTTGTGAGCACCAGATCATGCACACTAGGGAG
AACCTCTATGAATATGGAGAGTCTTTATTCATAGCGTGGCTGTCAATGAGGTGCAAAAAGGTGAGGGT
GGGGAAACGCTTTGAGTGAAGGAATGTGGAGAACTTCAGTAGGAGTGTGCCCTGGCAGAGCACCG
CCAAATCCATGCTAGAGAATATCTTGAGAATGTAGAGATCAGGAGGATGAGGAGACCATCATGCCTAGC
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CGGGAGCGTGAGCGTGAGCTTGGGGAACCTTTCTGACCTGTCCAACTTCAATGAGTTTCGGAAGATGT



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ACAGGAAAGACAAAATCTATGAGTGCAAAGTGTGTGGGGAGAGCTTTCTTCATCTCTCATCCCTGAGGGA
GCATCAGAAAAATCCATACTAGAGGAAACCCATTTGAAAAAAGAGCAGGATGTGCGAGGAGACCTTTGTC
CCTAGTCACTCTCTCCGACGGCCGAGAAAACTTACAGAGAGAAGCTGTTGCGACTTTAACAAATGCCAGGG
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GTCATCGTGAAGCAGTGGTGTTCATCCTGAGCGAGAAGGTGGGTGAGAAATAGTAGCTGCCACTGCC
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TGAGCCCCAAGTGGAGGCTGCAGAGCCCAGGTGGAGGCTGCAGAGCCTGAGTGGAGGCTGCAGAGCCT
AATGGAGAGGCTGAAGGGCCAGATGGAGAAGCTGCTGAGCCTGATGGCGAGGCTGAGCAGCCCAATGGAG
AGGCTGAACAGCCAAACGGTGTGCTGACGAGCCAGACGAGCCGGGATCGAAGACCAGAAAGAGAGAGC
TGACGAGCCTGAGGAAGCAGTGAAGAGCCAGAGGGAGATGACAGATGAGCCCGATGGTGCAGACATTGAA
GACCCAGAAAGGAAGGAGAAGATCAAGAGATTGAGGTTGAAGAACCATACTACAAGTGTGATGATGCG
CAGAAACGTTTCGCTTCCAGCTCAGCCTTTGGCGAGCATCTGAAAAGTACAGCCAGTGTGATCATCTTGA
GCCGGCAATGCTCCTGGAGAGTGTCTGGCTACATTGAACGGGCCAGCACCAGTGCAGGTGGTGGCGAG
CAGGCAGACGACAAGTACTTCAAATGTGATGTGTGCGGGCAACTTCAACGACCCCTCTCCCTTGCCA
GACACCAGAATTCTCACACTGGTGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:

SgfI-MluI

ACCN:

NM_008817

Insert Size:	4716 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).
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:	<ol style="list-style-type: none">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:	<u>NM_008817.2</u> , <u>NP_032843.2</u>
RefSeq Size:	6624 bp
RefSeq ORF:	4716 bp
Locus ID:	18616
UniProt ID:	<u>Q3URU2</u>
Cytogenetics:	7 3.89 cM
Gene Summary:	Induces apoptosis in cooperation with SIAH1A. Acts as a mediator between p53/TP53 and BAX in a neuronal death pathway that is activated by DNA damage. Acts synergistically with TRAF2 and inhibits TNF induced apoptosis through activation of NF-kappa-B. Plays a role in regulating maternal behavior and offspring growth.[UniProtKB/Swiss-Prot Function]