

## Product datasheet for **SC213688**

### **MEST (NM\_002402) Human 3' UTR Clone**

#### **Product data:**

Product Type:	3' UTR Clones
Product Name:	MEST (NM_002402) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	MEST
Synonyms:	PEG1
ACCN:	NM_002402
Insert Size:	1439 bp



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**Insert Sequence:** >SC213688 3'UTR clone of NM\_002402  
The sequence shown below is from the reference sequence of NM\_002402. 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
GCATATATGGGCTTCATCAACTCCTTCAGAGCTGGAAAGAGTAGCTTCCCTGTATTACCTCCCCTACTC
CCTTATGTGTTGTATTCCACTTAGGAAGAAATGCCCAAAGAGGTCCTGGCCATCAAACATAATTCT
CTCAGAAAGTCCACTTTACTCAAATTGGTGAACAGTGTATAGGAAGAAGCCAGCAGGAGCTCTGACTAA
GGTTGACATAATAGTCCACCTCCATTACTTTGATATCTGATCAAATGTATAGACTTGGCTTTGTTTTT
TGTGCTATTAGGAAATTCTGATGAGCATTACTATTCAGTATGCAGAAAGACGTTCTTTTGCATAAAAG
ACTTTTTTTAACTTTGGACTTCTCTGAAATATTTAGAAGTGCTAATTTCTGGCCACCCCAACAG
GAATTCTATAGTAAGGAGGAGGAGAAGGGGGCTCCTTCCCTCTCCTCGAATGACGTTATGGGCACATG
CCTTTTAAAGTTCTTTAAGCAACACAGAGCTGAGTCCTTTTGCATACCTTTGGATTTAGTGTTCAT
TCAGCTGTTTTAGTTATAAACATTTTGTAAAATAGATATTGGTTTAAATGATACAGTATTTAGGTA
TGATTTAAGACTATGATTTACCTATACATTATATATTTTATAAAGATACTAAACCAGCATACCCTTA
CTCTGCCAGAGTAGTGAAGCTAATTAACACATTTGGTTTCTGAATAAATGAACTAAATCCAACTAT
TTCCTAAAATCACAGGACATTAAGGACCAATAGCATCTGTGCCAGAGATGTAAGTATTAGCTGGGAA
GACCAATTCTAACAGCAAATAACAGTCTGAGACTCCTCATACCTCAGTGGTTAGAAGCATGTCTCTCTT
GAGCTACAGTAGAGGGGAAGGGATTGTTGTGTAGTCAAGTCACCATGTGAATGTACACTGATTCCTTT
ATGATGACTGCTTAACCTCCCACTGCCTGTCCCAGAGAGGCTTTCCAATGTAGCTCAGTAATTCCTGT
ACTTTACAGACAGGAAAGTTCCAGAAACTTTAAGAACAACCTGAAAGACCTATGAGCAAATGGTGCT
GAATACTTTTTTTTTAAAGCCACATTTTCAATTGTCTTAGTCAAAGCAGGATTATTAAGTGATTATTTAAA
ATTCGTTTTTTTTAAATTAGCAACTTCAAGTATAACAACCTTTGAACTGGAATAAGTGTATTCTAT
TAATAAAAATGAATTGTGACAAAAGTGGACTCTGGCTTCCCTCCCTCCCTCCCTCCCTCCCTCCCTCCCT
TAAAAATTTCCAGCATTGCCAGGAGCTTTCAGGTACACATTAAGAATAAAATGAAGTTAAGCAGCTG
GAGTATAGGATAGTATTTGATTTCAAGATCACCCAAAGTGCATATCGTCCCAAAGC
ACGCGTAAGCGGCCGCGCATCTAGATTCAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
```

**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\\_002402.4](#)

**Summary:** This gene encodes a member of the alpha/beta hydrolase superfamily. It is imprinted, exhibiting preferential expression from the paternal allele in fetal tissues, and isoform-specific imprinting in lymphocytes. The loss of imprinting of this gene has been linked to certain types of cancer and may be due to promotor switching. The encoded protein may play a role in development. Alternatively spliced transcript variants encoding multiple isoforms have been identified for this gene. Pseudogenes of this gene are located on the short arm of chromosomes 3 and 4, and the long arm of chromosomes 6 and 15. [provided by RefSeq, Dec 2011]

Locus ID: 4232

MW: 55