

Product datasheet for MC227043

Mest (NM_001252293) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Mest (NM_001252293) Mouse Untagged Clone
Tag: Tag Free
Symbol: Mest
Synonyms: AA408879; AI256745; Peg1
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC227043 representing NM_001252293
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGAGAGAGTGGTGGTCCAAGTAGGGCTCCTGGCTGTGCCCTTGCTGGCTGCGTACCTGCACATCCCGC
 CCCCTCAGCTCTCCCTGCTCTGCACTCATGGAAGACTTCTGGCAAGTTTTTACCTACAAAGGCCCTACG
 CATCTTCTACCAAGATTCTGTCGGTGTGGTCGGAAGCCCTGAGATAGTTGTGCTTTTACATGGCTTTCCA
 ACATCCAGCTATGACTGGTACAAGATCTGGGAAGGGCTGACCCTGAGTTCCATCGAGTGATCGCCCTTG
 ATTTCTTAGGCTTTGGCTTCAGTGACAAGCCGAGACCACATCAGTACTCCATATTTGAGCAGGCCAGCAT
 CGTAGAGTCCCTTCTGCGGCACCTGGGGCTCCAGAACCAGCAGAATCAACCTGCTGTCTCACGATTATGGA
 GATATCGTTGCTCAGGAAGTGTGTACAGGTACAAGCAGAATCGATCTGGCCGGCTACCCATAAAGAGTC
 TCTGTCTGCGAATGGAGGTATCTTTCTGAGACGCATCGTCCTCTCCTTCTCCAAAAGCTCCTCAAAGA
 CGGAGGTGTGCTTTCCCCATCCTCACCAGGCTCATGAATTTCTCGTGTCTCTCGAGGTCTCACTCCA
 GTCTTTGGACCGTATACTCGACCCACTGAGAGTGAGCTGTGGACATGTGGGCTGTGATTCGCAACAATG
 ACGGCAACCTGGTCATCGACAGTCTTTTACAGTACATTAATCAAAGGAAGAAATCAGAAGACGCTGGGT
 GGGAGCGCTTGTCTGTGTCCATCCCCATTTTATCTATGGCCATTGGATCCTATAAATCCGTAT
 CCAGAGTTTTTGGAGCTGTACAGGAAAACGCTGCCGCGGTCCACAGTGTGATTCTGGATGACCACATTA
 GCCACTACCCACAGCTAGAGGATCCCATGGGCTTCTTGAATGCATATATGGGCTTCATCAACTCCTTCTG
 A

ACGGCTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001252293



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Insert Size:	981 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).
OTI Annotation:	Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
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_001252293.1</u> , <u>NP_001239222.1</u>
RefSeq Size:	2401 bp
RefSeq ORF:	981 bp
Locus ID:	17294
UniProt ID:	<u>Q07646</u>
Cytogenetics:	6 12.53 cM