

Product datasheet for **RG212633**

MEST (NM_177524) Human Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: MEST (NM_177524) Human Tagged ORF Clone
Tag: TurboGFP
Symbol: MEST
Synonyms: PEG1
Mammalian Cell Selection: Neomycin
Vector: pCMV6-AC-GFP (PS100010)
E. coli Selection: Ampicillin (100 ug/mL)
ORF Nucleotide Sequence: >RG212633 representing NM_177524
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGTGC GCCGAGATCGCTCCGCAGGATGAGGGAGTGGTGGGTCCAGGTGGGGCTGCTGGCCGTGCCCC
 TGCTTGTGCGTACCTGCACATCCACCCCTCAGCTCTCCCCTGCCCTCACTCATGGAAGTCTTCAGG
 CAAGTTTTCTACTTACAAGGGACTGCGTATCTTACCAAGACTCTGTGGGTGTGGTTGGAAGTCCAGAG
 ATAGTTGTGCTTTTACACGGTTTTCCAACATCCAGCTACGACTGGTACAAGATTTGGGAAGTCTGACCT
 TGAGGTTTCATCGGGTATTGCCCTTGATTTCTTAGGCTTTGGCTTCAGTGACAAACCGAGACCACATCA
 CTATTCATATTTGAGCAGGCCAGCATCGTGGAAGCGCTTTTGCGCATCTGGGGCTCCAGAACCGCAGG
 ATCAACCTTCTTCTCATGACTATGGAGATATTGTTGCTCAGGAGCTTCTCTACAGGTACAAGCAGAATC
 GATCTGGTCCGCTTACCATAAAGAGTCTCTGTCTGTCAAATGGAGGTATCTTTCTGAGACTCACCGTCC
 ACTCCTTCTCCAAAAGCTACTCAAAGATGGAGGTGTGCTGTCAACCATCCTCACACGACTGATGAACTTC
 TTTGATTTCTCTCGAGGTCTCACCCAGTCTTTGGGCCGTATACTCGGCCCTCTGAGAGTGTGGG
 ACATGTGGGCAGGGATCCGCAACAATGACGGGAAGTATGTCATTGACAGTCTCTTACAGTACATCAATCA
 GAGGAAGAAGTTCAGAAGCGCTGGGTGGGAGCTCTTGCCTCTGTAACATATCCCCATTATTTTATCTAT
 GGGCCATTGGATCCTGTAATCCCTATCCAGAGTTTTTGGAGCTGTACAGGAAAACGCTGCCGCGGTCCA
 CAGTGTGCGATTCTGGATGACCACATTAGCCACTATCCACAGCTAGAGGATCCCATGGGCTCTTTGAATGC
 ATATATGGGCTTCATCAACTCTTC

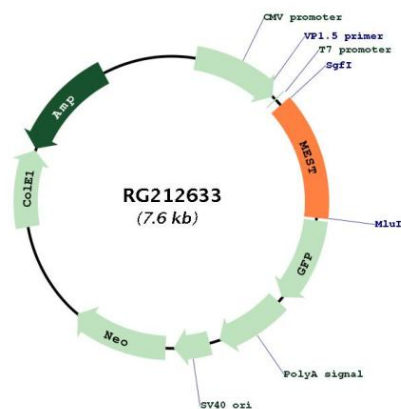
ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA



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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:	NM_177524.1 , NP_803490.1
RefSeq Size:	2452 bp
RefSeq ORF:	981 bp
Locus ID:	4232
UniProt ID:	Q5EB52
Cytogenetics:	7q32.2
Protein Families:	Protease, Transmembrane
Gene 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]

Product images:



Circular map for RG212633