

Product datasheet for MC227139

AI182371 (NM_001243103) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	AI182371 (NM_001243103) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	AI182371
Synonyms:	AI046667
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>MC227139 representing NM_001243103 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGC**C

ATGGTTTTGATACCGTCTCAAGCTATGGGCTTTTGGGGAACACTTCTGTTTCTGATCTTCCTTGAACAAA
GTTGGGGACAGGAACAAACATACATCATTTCAACCCCAATTGTCTTCCGAGTTGGAGCTCCTGAAAATGT
TACAGTCCAAGCCACGGCCATACTGAGGCATTTGACACAACGTCTCTGTAAAAAGTTATCCTGATGAA
AATGTTCTGTTACTCTTTGAGCACTGTTAATTTATCACCAGAAAAATAAATCCAAAACACTGCAATCTTAA
CAATTCAGGCCAAACAGTTATCTGAAGGACAAAACACTATTTTCAAATTCGTATTTAGAAGTCGTGTCAAA
GCATTTTGCAAAATTAGAAATCGTGCCAATCATCTATGACAATGACTCTCTCTTCGTTCAAACCGACAAG
TCCGTGTATACTCCACAACAGCCTGTAAAGGTTCTGTCTACTCTGTGAATGATGACTTAGAGCCGGCCA
CCAGAGAAACAGTCTTAACCTTTCATAGATCCTGAAGGGTCCCAAGTTGACACAATAGAGGGAAATAATCT
CACCGGGATTGCCTCTTTTCTGACTTCGAGATTCCTTCTAATCCCAAGCACGGTAGATGGACAGTCAAG
GCTAAGTATAGAGAAGATGCTTCAAAAACCTGGAACACATACTTTGAAGTTAAAGAATACGATAAACTT
ACAGAATATCTATCATGCCACAATTGATCTGCAACCCGAGGTGGAAAAGCAAGAAGCACATGGCATGTG
TCTTCATCAGCCAACAGAGTGTCTGCGACAGAAGATAACGAGCAAGCTTCTACATACAAACATCCAATG
ATAAAAAAATGCTGTTACGATGGGGCCAGATATAACATACATGAGACCTGTGTGCAGCGAGCTGCCCGTG
TGAAGATAGGCCCGATCTGTGTCAAAGCCTTCACTCTCTGCTGTAACTGGCACACCAGATCCTAGAAAA
CAGCACCTTTAAGCACATCCATCTGTCAAGTCACTACAGAAG**TAG**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI



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ACCN:	NM_001243103
Insert Size:	1026 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:	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.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	<u>NM_001243103.1, NP_001230032.1</u>
RefSeq Size:	1703 bp
RefSeq ORF:	1026 bp
Locus ID:	98870
Cytogenetics:	2 B