

Product datasheet for MC208435

Emd (NM_007927) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Emd (NM_007927) Mouse Untagged Clone
Tag: Tag Free
Symbol: Emd
Synonyms: AW550900; Sta
Mammalian Cell Selection: Neomycin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Fully Sequenced ORF: >MC208435 representing NM_007927
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGC**C

ATGGACGACTATGCGTTTTGTCCGATACTGAGCTGGCCGAGTGTACGCCAGTACAACATCCCTCATG
GGCCTATTGTGGTTTCCACTCGCAAGCTCTACGAAAAGAAAATCTTCGAGTACGAGACCCAGAGAAGGAG
ACTTTACCCCCAACTCGTCATCTTCTCATTCTCTATCAGTTCTCAGACTTGGATTCAGCCGCCGTG
GACTCAGACATGTATGATCTGCCAAAAAAGAAGACGCCTTACTTTACCAGAGCAAGGACTATAATGATG
ACTACTATGAGGAGGTTATTTGACCACCAAGACATACGGGGAGCCTGAGTCTGTGGCATGTCCAAGAG
CTTCCGCCAGCCGGGACCTCACTTGTAGATGCTGATACCTTCCATCACCAGGTGCGTGATGACATTTTC
TCTTCTTTAGAAGAGGAAGGCAAGGATAGGGAGCGCCTCATCTATGGCCAAGACAGTGCCTACCAGAGCA
TCGCACACTACCGCCCCATTTCCAATGTCTCCAGGAGCTCTGGGCTTATCATATTATCTACATCCTC
CACCTCTTCTGTGTCTCCTCTTCATCTTCTCCCTCTTCATGGCTTACCCGACGTGCCATTCCGGCCAGAG
AAGCAGGCCCTGCTGCTGCTCTGGCCAGGATCGACAGGTCCCCTCTGGGGCCAGCTGTTACTCTTCC
TGGTCTTTGCTGCCTTTCTGCTCTTTGTTACTATTCCATACAAGCTGAAGAAGGCAACCCCTTCTGGAT
GGATCCCTAA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_007927
Insert Size: 780 bp



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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:	NM_007927.3 , NP_031953.1
RefSeq Size:	1601 bp
RefSeq ORF:	780 bp
Locus ID:	13726
UniProt ID:	O08579
Cytogenetics:	X 37.92 cM
Gene Summary:	This gene is the founding member of the LEM (Lap2beta, Emerin, and Man1) domain gene family. It encodes an integral membrane protein of the inner nuclear membrane. This gene may be involved in transcriptional regulation and genomic organization. In humans, mutations in this gene cause a class of diseases called laminopathies, which includes Emery-Dreifuss muscular dystrophy (EDMD). [provided by RefSeq, Apr 2013]