

Product datasheet for **MC208437**

Emx1 (NM_010131) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Emx1 (NM_010131) Mouse Untagged Clone
Tag: Tag Free
Symbol: Emx1
Synonyms: MGC129284; MGC129285
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC208437 representing NM_010131
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGTTCCAGCCCGCGGCTAAGCGGGTTCACCATAGAGTCCTTGGTGGCCAAGGATGGTGGCACCAGCGG
GGAGTCTGGCAGCGGGGCGCGGGCTCCCATCCACTGGCTGTGGCCGCATCAGAGGAACCGCTCAGGCC
CAGGGCGCTCACTATCCTCACCCAGTGCAGCGGAGACGGCCTTCGTGAGTGGCTTCCCTGCCGCTGCC
GCTGCGGGCGCCGCGCTCGCTCTATGGAGGGCCGAGCTGGTGTTCAGAGGCCATGAACCACCCGG
CTCTGACGGTGCACCCGGCACACCAGCTGGGCTCCTCCTCGCTGCAACCCCTCACTCTTTCTTCAGCGC
CCAGCATCGGGACCCTCTCCACTTCTACCCTGGGTGCTTCGGAATCGCTTCTTTGGCCACCGCTTCCAG
GCAAGCGACGTTCCCAAGGACGGGCTGCTTTTGCACGGGCCCTTCGCACGCAAGCCCAAGCGGATTCGCA
CAGCCTTCTCGCCCTCGCAGCTGCTGCGGCTGGAGCGAGCCTTTGAGAAGAATCACTACGTGGTGGGAGC
CGAGCGGAAGCAGCTGGCAGGCAGCCTCAGCCTCTCCGAGACGCAGGTGAAGGTGGTTCCAGAATCGG
AGGACAAAATACAAACGGCAGAAGCTGGAAGAGGAAGGGCCGAGTCTGAGCAGAAGAAGAAGGGTCCC
ACCATATCAACCGGTGGCGCATCGCCACGAAGCAGGCCAACGGGGAGGACATTGATGTACCTCCAATGA
CTAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_010131
Insert Size: 774 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).
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_010131.2 , NP_034261.1
RefSeq Size:	1188 bp
RefSeq ORF:	774 bp
Locus ID:	13796
UniProt ID:	Q04742
Cytogenetics:	6 37.21 cM
Gene Summary:	Transcription factor, which in cooperation with EMX2, acts to generate the boundary between the roof and archipallium in the developing brain. May function in combinations with OTX1/2 to specify cell fates in the developing central nervous system.[UniProtKB/Swiss-Prot Function]