

Product datasheet for **RN202014**

Emx2 (NM_001109169) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Emx2 (NM_001109169) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Emx2
Synonyms:	RGD1564797
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>RN202014 representing NM_001109169 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGTTTCAGCCGGCGCCTAAGCGCTGCTTCACCATCGAGTCGCTGGTGGCCAAGGACAGTCCCCTGCCTG
CCTCACGCTCCGAGGATCCCATCCGTCCTCCGCGGCGCTCAGCTACGCCAATTCAGCCCCATAAATCCGTT
CCTCAACGGCTTCCACTCGGCCCGCCGCCGCCCGCCGCGGGCAGGGCGTCTACTCCAACCCGGACTTG
GTGTTCCGCCGAGGCGGTCTCGCACCCGCCAACCCCGCTGCCGGTGCACCCGGTCCCGCCGCCGACG
CCCTGGCCGCCACCCCTGCCCTCCTCGCATTCCGCACACCCCTCTTCGCCTCGCAGCAGCGGGACCC
GTCCACCTTACCCCTGGCTCATCCACCGTACCGATATCTGGGTATCGCTTCCAAGGGAACGACACA
AGTCCCAGAGTTTCCTTTTGCACAACGCTCTGGCTCGAAAGCCGAAGCGGATTCAACCCGCTTCTCTC
CGTCCCAGCTTTTAAGGCTAGAACACGCGTTTCGAGAAGAATCATTACGTGGTGGGAGCGGAAAGGAAGCA
GCTGGCGCACAGTCTCAGCCTTACGAAACTCAGGTAAGATGGTTTCAGAACCGGAGAACGAAATTC
AAAAGGCAAAGCTAGAGGAAGAAGGCTCAGATTCCTCAACAAAAGAAAAAGGGACACACCACATTAACC
GGTGGAGAATTGCTACCAAGCAGGCGAGTCCGGAGGAAATAGACGTGACCTCAGACGAT**TAA**

AG**CGGACCG**ACGCGTACGCGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC
TGGATTACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	SgfI-RsrII
ACCN:	NM_001109169
Insert Size:	762 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:	<u>NM_001109169.1</u> , <u>NP_001102639.1</u>
RefSeq Size:	2946 bp
RefSeq ORF:	762 bp
Locus ID:	499380
Cytogenetics:	1q55