

Product datasheet for **RN215007**

Eme1 (NM_001105830) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Eme1 (NM_001105830) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Eme1
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN215007 representing NM_001105830
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCGCTAAGAAGTTATCCCTCTCTGCTGTCCACGGAGAGTACTCTGAGGA**ACTGCCACATTCG**
 CCTTTCTGAAGAAGGAACCAGCTTCAACGGACAGCAATCCACCTCAGAGAGAGAAGAACATTGTTGTTGT
 CACCTCAGATATTGAGGCTCCTGCTCCATCACCAGGCTTAAAAGACCCACCATGTGTCCCCAGTGCA
 GCGGAAGCTCCACACAAGCAGGGCCAGTCAAGTGTGAGCAGTAGCAGTGAAGATGGATTGG
 TCTCTCTGGTGAAAGGATCACATGGAAGCTTTTGAAGAACAAACAGCTGAGCCCTGAGCGCTCTCGCTC
 CCCACTTAAAACGGTTCCAGATCACAAAAAATGCAAGTACACCATGTGACTGGAAAAGGCAACCGTGT
 CCAAAGATTCTGATGTTCTCTCCACAGTCCCTAGAGAAGAGTCCAGCAAATGACAAAGACTCCCTCT
 TAGACAATCAGTGCCATCAACTTCTGCCTACCAGGCTACAGGCAGGGAGTTGGCAGTACCAAAACAA
 TCCTGACCTCCCTACCCAAGAAGAGAACCAAGCACATTCAGACAGCCAGAGCAGAGGCCCTCAGGGA
 TGCTGGCAGCCAAGACAGGCAAGCAGGAAGGAAAACACCCCAAGGCAGCAGGAAAGGAAAAAGAGGCAG
 AGATGGTCAACAGGCTCAGAGCCAGAGGCCAGAGGAATGCCTGAAACACATCGTGGTGGTGTGGATCC
 AGTCTTTTACAGATGGAAGGTGGGGCCAGCTCCTGGGAGCGCTGCAGGCCATGGAGTGCAGCTGTGTG
 ATTGAAGCTCAGGTCGTACCTCAAAGTATCACTTGGAGGAGGAAGACAGAGCTGGAAGAGGATGGAGATG
 ACTGGGTGGAAGACCAACAATCCTGGTGTGGTCTCAAAGAGGTCTTCATGTCCATGGTCTACAACCTC
 AAAGCAGGAAAATCCTGGCAGCACTGAGAAAGGGAAGGAGACACTTCGGGGCTTTGTAACATGATGCACA
 GCAAGGACAGGAAAGCATTGTCACTGGTATTGTGGACCAGGAGAAATGCCTCAGGGCTCAGAAATCCC
 CGAAAAGAAGGAAATCAGGAATGGCAATAAAAAGGCCAAAGAGAAGCATCAGCAGAGACGAGAGTCCAG
 CACAAGGCTCATGGTGTCCAGGTTAGACATGGAAGAGGCATTGGTGGATCTGCAGCTATATACAGAAGCC
 CAGGCTCGGATCGTGCAGAGCTGGAGAGAGCTGGCCGACTTCGCCTGTGCATTTACAAAGGCTGTGGCTG
 AAGCGCCCTTCAAGAACTCCGGGATCAAGGCAGCTTCTCCTTCTCCTGGAGAAAGACTGGGCTGGAGG
 GGTGAAAGCGGACCATGCTGGTAGAGGACTTGCAGTGTGAGGCGGCAGATTGAGCAGCTGAACCGA
 GTCAGCTCAGAAATGGCCGGCGCTATTGTGGATGCCTATCCTTCTCCACAGCTCCTGGTGCAGGCTTATC
 AGCAGTGTCTTCTGAACAAGAACGCCAGAATTTGCTGGTAACATACAGGTGCGACGTGGGGAAGGTGT
 GACAGCCACCTCCCGCGTGTGGGCCAGAATTATCCAGGCGGATCTACCTTCAAATGACCACAGTGCAA
 CCAGATCTCATCTTAGACAGTGTGACTGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_001105830
- Insert Size:** 1710 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:

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_001105830.2](#), [NP_001099300.2](#)

RefSeq Size: 1710 bp

RefSeq ORF: 1710 bp

Locus ID: 287634

Cytogenetics: 10q26