

Product datasheet for **RN201126**

Emc4 (NM_001106495) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Emc4 (NM_001106495) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Emc4
Synonyms:	RGD1310905; Tmem85
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>RN201126 representing NM_001106495 Red=Cloning site Blue=ORF Orange=Stop codon

TTTGTAAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGACGACCCAGGGGGGCTGGTGGCCAACCGAGGCCGGCGTTCAAATGGGCCATTGAGCTGAGTGGAC
 CGGGAGGAGGGAGCAGGGGCCGAAGTGACCGGGCAGTGGACAGGGAGACTCACTCTATCCAGTCGGTTA
 CTTGGACAAGCAAGTGCCTGATACCAGCGTGCAAGAGACCGACCGGATCCTGGTGGAGAAGCGCTGCTGG
 GACATCGCCCTGGGTCCCCTCAAACAGATTCCTCATGAATCTCTTCATCATGTACATGGCAGGCAATACCA
 TCTCCATCTTCCCTACCATGATGGTGTGTATGATGGCCTGGCGACCCATCCAAGCACTTATGGCCATTTT
 AGCCACTTTCAAGATGCTGGAGAGTTCAAGTCAGAAGTTTCTCAAGTTTGGTCTATCTATTGGGAAC
 CTGATGGGTTTGGCATTGGCTGTTTACAAGTGCCAGTCCATGGGTCTGTTGCCTACACATGCATCAGATT
 GGCTGGCCTTTATTGAACCCCTGAGAGAATGGAATTCAGTGGAGGAGGACTACTTCTG**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	SgfI-MluI
ACCN:	NM_001106495
Insert Size:	552 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).


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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:	<u>NM_001106495.1, NP_001099965.1</u>
RefSeq Size:	1423 bp
RefSeq ORF:	552 bp
Locus ID:	296049
Cytogenetics:	3q35