

Product datasheet for RN204055

Emcn (NM_001004228) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
 Product Name: Emcn (NM_001004228) Rat Untagged Clone
 Tag: Tag Free
 Symbol: Emcn
 Synonyms: MGC94175
 Vector: pCMV6-Entry (PS100001)
 E. coli Selection: Kanamycin (25 ug/mL)
 Cell Selection: Neomycin
 Fully Sequenced ORF: >RN204055 representing NM_001004228
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGCGGCTGCTTCAAGTGACTGCTCTCTTCTTCTTTGTCCAACAGTCTATGCCGTGGTGAGAACAGCA
 AAGCACTGACAGAAACATCCACAACAAAAGCATCGGCTACAACACCAGACATGGTGTCAATCACAAACAA
 ATCAACAGGCGGAACACCTCCTAAAGGAACGACCAACAGTGCAACACCCAAAACACCTTTGATGCCAGCA
 CTTGATTCACCGACAACACCAAAACATGAAACAACAACCTCGTGGTGTCAAAAGAATGAAGTTTCCACTA
 TAAAAACAACAGTGGCAAATCCTACCATTTGGAATGCTGTTTCAACACTCTCAAGTCCCCAGAACAAAGAC
 GGAGAATCAGAGTTCAATCAGGACAACAGAAATATCAGGTACCAATCAACTGCCAGATGACCAAAAACCA
 AAGACGACCGAGACGCCCTCTGCATCGCTAACAACCTGCAAAAACCATCTCACAGATTGAGGATACTGAGG
 ATGGGAAGATCACAGCCACTACATCAACCACCCCTCCTATTCCAGTGTATTTTGGCCGTGGTTATCGC
 GCTGATTGTTATAACAGTCTTGGTGTACTCTGGTGGCTTGTATCGAATATGCTGGAAAAGAGACCCA
 GGCCTCCAGAAAGTGGAAATGATCAGCCTCAGTCTGATAAAGAGAGTGTAAAGCTGCTCACCGTTAAGA
 CAATCTCATGAGTCTGGCGAACACTCTGCACAGGGGAAAGCCAAGA**ACTGA**

ACGCGTACGCGGCCGCTCGAGCAGAAAACATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul
 ACCN: NM_001004228
 Insert Size: 753 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_001004228.1 , NP_001004228.1
RefSeq Size:	1421 bp
RefSeq ORF:	753 bp
Locus ID:	295490
UniProt ID:	Q6AY82
Cytogenetics:	2q44
Gene Summary:	Endothelial sialomucin, also called endomucin or mucin-like sialoglycoprotein, which interferes with the assembly of focal adhesion complexes and inhibits interaction between cells and the extracellular matrix.[UniProtKB/Swiss-Prot Function]