

Product datasheet for **RN200660**

Efemp1 (NM_001012039) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Efemp1 (NM_001012039) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Efemp1
Synonyms:	T16
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN200660 representing NM_001012039
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGTTGCAAACAGTTTTCTAACTATGCTGACTCTGGCTCTGGTCAAGTCACAGGTCACGGAGGAAACCA
 TTACATACACGCAATGCACCGATGGATATGAATGGGACCCTGTAAGACAGCAGTGCAAAGATATTGATGA
 GTGTGACATTGTACCAGATGCTTCAAAGGTGGAATGAAATGTGTCAACCACTATGGAGGATACCTCTGC
 CTTCTAAAACAGCCAAATTATTGTCAATAACGAACAGCCTCAGCAAGAAAACCCAGCTGCCGAAGCAT
 CGTCGGGTGCTGCCACTGGGACCATAGCTGCCAGGAGCATGGCTACCAGTGGTGTGATCCCTGGGGTGG
 CTTCATAGCCAGTGTACTGCAGTTGCTGGTCTGAAGTTCAGACAGGCCGAAATAAATTCGTCATTTCGG
 AGGAACCCGGCTGACCCTCAGCGCATCCCTTCAAACCTTCCCACCGGATCCAGTGTGCAGCAGGCTATG
 AACAGAGTGAGCATAATGTGTGCCAAGACATTGATGAGTGCACCTCAGGGACCCACAATTGTAGATTGGA
 CCAAGTGTGCATCAATTTACGTGGTTCCTTCACATGCCACTGTCTTCTGGGTATCAGAAGCGAGGCGAA
 CAGTGTGTGGATATAGATGAGTGTGCTGCCCCATACTGCCACCAAGGATGTGTGAACACCCCGGGT
 CCTTTTACTGTCAGTGAATCCCGGGTTTCAGCTGGCAGCAAACAACACTACTTGTGTGGATATAAATGA
 ATGTGATGCCAGCAACCAGTGGCTCAGCAATGCTACAACATTCTGGCTCATTCACTGTGTCAGTGAAC
 CAAGGATATGAATGAGCAGTGACAGACTCAACTGTGAAGACATCGATGAATGCAGAACCCTAAGCTACC
 TGTGCCAGTATCAATGTGTCAATGAACCTGGGAAGTTCATGTATGTGTCTCAGGGTTACCAAGTGGT
 GCGAAGCAGAACCCTGTCAGGATATAAATGAATGTGAGACCACCAATGAATGCCGAGAAGATGAAATGTGC
 TGAATTACCATGGTGGCTTCCGCTGTTACCCACAAAACCCATGTCAAGATCCCTATGTTCTAACGTCAG
 AAAACCGATGCGTTTCCCGGTCTCAAACACCATGTGCCGAGACGTGCCCCAGTCTATAGTCTACAATA
 CATGAACATCCGATCTGACAGGTCGGTGCATCAGACATCTTCCAGATACAGGCAACAACGATTTATGCA
 AACACCATTAATACTTTTCGGATTAAATCTGGAATGAAATGGAGAGTTCTACCTACGACAAAACAGCC
 CTGTGAGTGAATGCTGGTCTGTGAAGTCGCTAACAGGACCAAGAGAACACATCGTGGACCTGGAGAT
 GCTGACAGTCAGTAGTATAGGGACCTTCCGCACAAGCTCTGTGTTAAGATTGACAATAATAGTGGGGCCG
 TTTTCATTT**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul

ACCN: NM_001012039

Insert Size: 1482 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_001012039.1](#), [NP_001012039.1](#)

RefSeq Size: 2038 bp

RefSeq ORF: 1482 bp

Locus ID: 305604

Cytogenetics: 14q22