

Product datasheet for **RN216388**

Efemp2 (NM_001277346) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Efemp2 (NM_001277346) Rat Untagged Clone
Tag: Tag Free
Symbol: Efemp2
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >RN216388 representing NM_001277346
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGCTCCCATTGGCTCCTGCCTCCCGGGTCTTTACTGCTCTGGGCGTTTCTGCTGTTGCTCTTGGGAG
 CAGCGTCCCACAGGATCCGAAGAGCCGGACAGCTACACGGAATGCACAGATGGCTATGAGTGGGATGC
 AGACAGCCAGCATTGCCGGGACATAGATGAGTGTGCTGCTACCGCTACTGCCAGCACCGATGCGTGAACCTG
 CCAGGCTCTTCCGATGCCAGTGTGAGCCCGGCTTCCAGTTGGGACCTAACAAACCGCTCTTGTGTGGATG
 TGAACGAGTGTGACATGGGAGCCCCGTGTGAGCAGCGCTGCTTCAACTCCTATGGGACCTTCTGTGTGCG
 CTGTAACCAAGGGCTATGAGCTACACCGGGATGGCTTCTCCTGCAGTGATATCGATGAGTGCAGCTACTCC
 AGTTACCTCTGCCAGTACCGCTGTGCAATGAGCCAGGTCGCTTCTCCTGTCACTGCCACAAGGCTACC
 AACTGCTGGCCACAAGGCTCTGCCAAGACATTGACGAGTGCAGAACAGGTGCACACCAGTGTTCGGAGGC
 CCAAACCTGCGTCAACTCCATGGGGTTACCGCTGTGTGGACACCAACCGTTGTGTGGAGCCCTATGTC
 CAAGTGTGGACAACCGCTGCCTCTGCTCCTGCCAACCCTTTGTCGAGAGCAACCGTCATCCATCG
 TGCACCGCTACATGAGCATCACCTCAGAGCGAAGTGTGCCTGCCGACGTGTTTCAGATCCAGGCAACCTC
 TGTCTACCCTGGCGCCTACAATGCCTTTAGATCCGTGCTGGGAACACACAGGGGACTTCTACATTAGG
 CAAATCAACAATGTCAGCGCCATGCTGGTCTTGGCAGACCGGTGACAGGACCCCGGAGTACGTCTCGG
 ACCTCGAGATGGTCACCATGAACTCCCTTATGAGTTACCGGGCCAGCTCTGTACTGAGACTCACCGTCTT
 TGTGGGAGCCTATACCTT**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001277346
Insert Size: 1002 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).
OTI Annotation:	Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
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_001277346.1, NP_001264275.1</u>
RefSeq Size:	1243 bp
RefSeq ORF:	1002 bp
Locus ID:	293677
Cytogenetics:	1q43