

## Product datasheet for **RN216688**

### Efemp2 (NM\_001277341) Rat Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Efemp2 (NM\_001277341) 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:** >RN216688 representing NM\_001277341  
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGCTCCCATTGGCTCCTGCCTCCCGGGTCTTTACTGCTCTGGCGTTTCTGCTGTTGCTCTTGGGAG  
CAGCGTCCCACAGGATCCGAAGAGCCGACAGCTACACGGAATGCACAGATGGCTATGAGTGGGATGC  
AGACAGCCAGCATTGCCGGGATGTCAATGAGTGCCTGACCATCCCCGAGGCTTGAAGGGTGAAATGAAA  
TGATCAACCACTACGGGGGCTATTTGTGTCTGCCTCGCTCTGCTGCCGTCATCAGTGATCTCCACAGTG  
AAGGACCTCCACCACCAGCAGCCTCTGCTCAACACCCAAATCCTTGCCCTCCGGGCTATGAACCTGATGA  
ACAGGAGAGCTGTGTGGATGTGGATGAGTGTACCCAGGCTATACATGACTGTGCGCCTAGCCAGGACTGC  
CATAACCTTCCTGGCTCCTATCAGTGCACCTGCCCGATGGTTACCGAAAAATTGGGCCGAATGTGTAG  
ACATAGATGAGTGTGCTACCGCTACTGCCAGCACCGATGCGTGAACCTGCCAGGCTCTTCCGATGCCA  
GTGTGAGCCCGGCTTCCAGTTGGGACCTAACACCCGCTCTGTGTGGATGTGAACGAGTGTGACATGGGA  
GCCCGTGTGAGCAGCGCTGCTCAACTCCTATGGGACCTTCTGTGCTGCTGTAACCAGGGCTATGAGC  
TACACCGGATGGCTTCTCCTGCAGTGATATCGATGAGTGCAGCTACTCCAGTTACTCTGCCAGTACCG  
CTGTGTCAATGAGCCAGTCTGCTTCTCCTGTCACTGCCCAAGGCTACCAACTGCTGGCCACAAGGCTC  
TGCCAAGACATTGACGAGTGCAGAACAGGTGCACACCAAGTGTTCGGAGGCCAAACCTGCGTCAACTTCC  
ATGGGGTTACCGCTGTGTGGACACCAACCGTTGTGTGGAGCCCTATGTCCAAGTGTGGACAACCGCTG  
CCTCTGCTCCTGCCTCAACCCCTTTGTGCGAGAGCAACCGTCAATCCATCGTGCACCGCTACATGAGCATC  
ACCTCAGAGCGAAGTGTGCTGCCGACGTGTTTTCAGATCCAGGCAACCTCTGTCTACCCTGGCGCTACA  
ATGCCTTTCAGATCCGTGCTGGGAACACACAGGGGACTTCTACATTAGGCAATCAACAATGTCAGCGC  
CATGCTGGTCTTCCAGACCGGTGACAGGACCCGGGAGTACGCTCTGGACCTCGAGATGGTACCATG  
AACTCCCTATGAGTTACCGGCCAGCTGTACTGAGACTCACCGTCTTTGTGGGAGCCTATACCTTCT  
GA

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA



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<b>Restriction Sites:</b>	Sgfl-Mlul
<b>ACCN:</b>	NM_001277341
<b>Insert Size:</b>	1332 bp
<b>OTI Disclaimer:</b>	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).
<b>OTI Annotation:</b>	Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<u><a href="#">NM_001277341.1</a></u> , <u><a href="#">NP_001264270.1</a></u>
<b>RefSeq Size:</b>	1573 bp
<b>RefSeq ORF:</b>	1332 bp
<b>Locus ID:</b>	293677
<b>Cytogenetics:</b>	1q43