

Product datasheet for **MC201776**

Efemp1 (NM_146015) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Efemp1 (NM_146015) Mouse Untagged Clone
Tag: Tag Free
Symbol: Efemp1
Synonyms: MGC37612
Mammalian Cell Selection: Neomycin
Vector: PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection: Kanamycin (25 ug/mL)

Fully Sequenced ORF: >BC031184 sequence for NM_146015
CTCAGCAAGAAACACCAGCTGCAGAAGCTTCGTCAAGTGCCACCCTGGGACTGTAGCTGCCAGGAGCAT
GGCAACCAGTGGTGGTGCCTGGGGTGGCTTCATGGCCAGTGTACTGCAGTTGCTGGCCCTGAAGTT
CAAACCTGGCCGAAATAACTTTGTTCATCCGAAGAAACCCAGCTGACCCTCAGCGCATCCCTTCCAACCCCT
CCCACCGGATCCAGTGTGCAGCAGGCTATGAACAGAGTGAGCATAATGTGTGCCAAGATATTGATGAGTG
CACCTCAGGGACTCACAATTGTAGAACGGACCAAGTATGCATCAATTTACGAGGTTCTTTCACATGTCAG
TGTCTTCTGGGTATCAGAAGCGAGGTGAACAGTGTGTGGATATAGATGAATGCACAGTGCCTCCATATT
GCCACCAAAGATGTGTTAACACACCTGGTTCTTCTACTGCCAGTGCAGTCCAGGGTTTCAGCTGGCAGC
AAACAACCTACTTGTGTGGATATAAATGAATGTGATGCCAGCAACCAGTGTGCTCAACAATGCTACAAC
ATCTTGGCTCATTCTGTCTGTCAGTGAATCAAGGATATGAACTAAGCAGTGACAGACTCAACTGTGAAG
ACATCGACGAATGCAGAACCTCAAGCTACCTATGCCAATATCAATGTGTCAATGAACCTGGGAAGTTCTC
ATGTATGTGCCACAGGGTTACGAAGTGGTGGCAGCAGAACCTGTCAGGATATAAATGAATGTGAGACC
ACCAATGAATGCCGAGAAGATGAGATGTGCTGGAATTACCATGGGGGCTTCCGCTGTTACCCACGAAACC
CATGTCAAGATCACTATGTTCTAACATCAGAAAACCGATGTGTTTGGCCAGTCTCAAACACTATGTGCCG
GGAGCTGCCCCAGTCCATTGTCTACAAATACATGAGCATCCGATCTGACAGGTCCGTGCCTTCAGACATC
TTCCAGATACAGGCAACAATGATTTATGCAAACACCATTAATACTTTTCCGATTAATCTGGAAATGAAA
ATGGAGAGTTCTACCTACGACAAACAAGCCCTGTGAGTGAATGCTGGTCTTGTGAAGTCTCTATCAGG
ACCAAGAGAATACATCGTGGACCTGGAGATGCTGACAGTCAGTAGTATAGGAACCTTCCGCACAAGCTCT
GTGTTAAGATTGACAATAATAGTGGGGCCATTTTCATTTTACCTTTTACTCATATAAAGCCTACTACAA
GCATTTAAATCAGCCAAACAATATCATTACCTTAAACTCTATTTTATTATAGCTATATCTAGTACATG
TATATTCAAATAGCTAGACTATGGTAAGAAGTGGGCATTTAATCCATAAGAGTCAATGTTTATCGTTATC
ACTGTGTGTAATTAGACCTTTATCCAACATTAAGAGAGCTAATCATATATTATCTAGTAAACTTGGAT
TCTTCTGCAAAATGGGACCAAGCAAGGATACTGTTCTGTGTTGATAGAGAAATATACACCTCCACAG
ACCATCCCGTGAGAATTGGCCATCTTAGCATGAAGATCAAGAAGGAGGGTTTTTTAACTGCTTTGTAAG
AAAATGGAAAAAGTCAATAAAGATATATTTCTTTAGAAAAA

Restriction Sites: RsrII-NotI



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ACCN:	NM_146015
Insert Size:	1164 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:	<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:	BC031184 , AAH31184
RefSeq Size:	1677 bp
RefSeq ORF:	1164 bp
Locus ID:	216616
UniProt ID:	Q8BPB5
Cytogenetics:	11 A3.3
Gene Summary:	Binds EGFR, the EGF receptor, inducing EGFR autophosphorylation and the activation of downstream signaling pathways. May play a role in cell adhesion and migration. May function as a negative regulator of chondrocyte differentiation. In the olfactory epithelium, it may regulate glial cell migration, differentiation and the ability of glial cells to support neuronal neurite outgrowth (By similarity).[UniProtKB/Swiss-Prot Function]