

Product datasheet for MC215891

Tfap2e (NM_198960) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Tfap2e (NM_198960) Mouse Untagged Clone
Tag: Tag Free
Symbol: Tfap2e
Synonyms: AI505200; AP-2e; Tcfap2e
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC215891 representing NM_198960
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGTTGGTGCACACATACTCCGCCATGGAGCGCCCGACGGGCTGGGCGCAGCGGCTGGCGGGACCCGCC
 TGTTCGTCCTGCCCCAGGCGGCCTACGGGCCCGCGCCCACTGTGTCACTCCCGCCGCTCTGCCAC
 CGCGGACTATCATCCTCCTTACTTCCCGCCGCCCTACCCTCAGGGCGCGTGCCTACGGCCAGGGTCCC
 GACGCCACCGCTGCCTTCCGCACCTCGCCGCTGACCCCTACGGCGGCCTAGCGCCCTGGCGCAGCCGC
 AGCCCCCGCAGGCCCGCTGGGCCGACCCCGTGCGGCCGCCCCGCCACGACGAGCCGCGGGGCTGCT
 GGCGCCACCCGCGCGCTCTGGGTCTCGACCCGCGCGAGACTACGCCCGCGGTTCCCGGCTCCTG
 CACAGCCTGGCCGACGGCGCGCACGGCCTGGCCGATGCTCCCCTCGGTCTTCCAGGATTGGCGGAGCCGC
 CCGTCTGGAGGAATTGCAGGCGATAGATGACCCTGGAATGAGCCTCTGGACCAATCGGTGATCAAGAA
 AGTCCCCATTCCCTCAAAGCCGGCAGCCTCTCCACCCTCGCACTGTCCAAGACAGCCTGGTTGGCGGC
 ATCAGCAATCCAGTGAGGTCTTCTGCTCCGTGCTGGCCGCTGCTGCTGCTCAGCTCAACATCCAAGT
 ACAAGGTGACCGTGGGGGAGGTGCAGCGCGGACTCTCACCTCTGAGTGCCTCAACGCCTCCCTCCTGGG
 GGGTGTCTCCGAAGGGCCAAGTCCAAAAATGGAGCCGGTGTCTGCGGGAACGGCTGGAGAAGATTGGG
 CTCAACTTGCCAGCTGGTCTGCGAAGGCAACAGTACTCTGCTGACCTCGTGGTGAAGGAGAAG
 CTGTGCACCTGGCTCGGGACTTTGGTTACGTTTGTGAGACTGAGTTTCCAGCCAAGGCGGCTGCTGAGTA
 CCTATGCCGACAGCATGCCGACCCTGGGGAGCTACACAGCCGCAAGAGCATGCTGCTGGCTGCCAAGCAG
 ATCTGTAAGGAGTTTGCAGACTTGATGGCTCAGGACCGCTCTCCACTGGGCAACAGCCGCCCGCACTCA
 TCCTGGAGCCTGGGTGCAGAGTGTCTGACACATTTAGTCTCATCACTCATGGCTTTGGAGGGCCTGC
 CATCTGCGCTGCTCACTGCCTCCAGAACTACCTGCTAGAGTCACTCAAAGGACTGAAAAGATGTTT
 TTAAGCGCGCCGGAGGTGGGCATGGAGAAAGCAAGCCCTCGGAGAAGGATACCAAGCATCGGAAGTAA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA



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Restriction Sites:	Sgfl-Mlul
ACCN:	NM_198960
Insert Size:	1329 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:	<u>NM_198960.2</u> , <u>NP_945198.2</u>
RefSeq Size:	2117 bp
RefSeq ORF:	1329 bp
Locus ID:	332937
UniProt ID:	<u>Q6VUP9</u>
Cytogenetics:	4 D2.2
Gene Summary:	Sequence-specific DNA-binding protein that interacts with inducible viral and cellular enhancer elements to regulate transcription of selected genes. AP-2 factors bind to the consensus sequence 5'-GCCNNNGGC-3' and activate genes involved in a large spectrum of important biological functions including proper eye, face, body wall, limb and neural tube development. They also suppress a number of genes including MCAM/MUC18, C/EBP alpha and MYC. AP-2-epsilon may play a role in the development of the CNS and in cartilage differentiation.[UniProtKB/Swiss-Prot Function]