

Product datasheet for MR200759

Eaf2 (NM_134111) Mouse Tagged ORF Clone

Product data:

Product Type: Expression Plasmids

Product Name: Eaf2 (NM_134111) Mouse Tagged ORF Clone

Tag: Myc-DDK

Symbol: Eaf2

Synonyms: AW048865; Festa; FESTA-L; FESTA-S; Traits; U19

Mammalian Cell

Selection:

Neomycin

Vector:pCMV6-Entry (PS100001)E. coli Selection:Kanamycin (25 ug/mL)ORF Nucleotide>MR200759 ORF sequence

Sequence: Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC

GCCGCGATCGCC

ATGTGGAATCTGCCTAGGACTTCCAATCTTGTACAGCATTCTCCATCAGAAGAAGATGTCTCCAACGT CTCTAATGGATGATATTGAAAGAGAACTGAAAGCAGAAGCTAGTCTTATGGACCAGATGAGTAGTTGTGA TAGTTCATCAGAATTCCAAAAGTTCTTCATCTTCAAGTAGTGAGGATAGTTCTAGTGATTCTGAAGATGAT GACCAATTCTCCTTTTGGGTCCAAGGAAATACAGCTCGGAGCACCCTAGCATGTCTGCTGGGCCACAGT ACAGGACTTCAGAGGCTGATGCTACTTGTCACCGACTTCAGGACCACAGTACCCTTCTGATGAGTACTTT ACGAAGTGACTTGCAGCTGAGTGAGTCAGAAAGCGACAGTGAGGAC

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT

ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >MR200759 protein sequence

Red=Cloning site Green=Tags(s)

MWNLPRTSNLVQHSPSEEKMSPTSLMDDIERELKAEASLMDQMSSCDSSSDSKSSSSSSSSSDSSDSEDD

DQFSPLGPRKYSSEHPSMSAGPQYRTSEADATCHRLQDHSTLLMSTLRSDLQLSESESDSED

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: Sgfl-Mlul



OriGene Technologies, Inc. 9620 Medical Center Drive, Ste 200

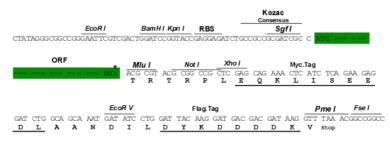
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Cloning Scheme:





^{*} The last codon before the Stop codon of the ORF

ACCN: NM_134111

ORF Size: 399 bp

OTI Disclaimer: The molecular sequence of this clone aligns with the gene accession number as a point of

reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing

variants is recommended prior to use. More info

OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression

varies depending on the nature of the gene.

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: <u>NM 134111.2</u>, <u>NP 598872.1</u>

RefSeq Size: 1903 bp
RefSeq ORF: 399 bp
Locus ID: 106389



 UniProt ID:
 Q91ZD6

 Cytogenetics:
 16 B3

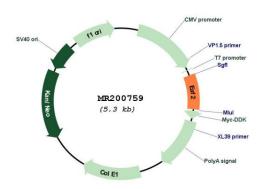
 MW:
 14.5 kDa

Gene Summary: Acts as a transcriptional transactivator of ELL and ELL2 elongation activities (By similarity).

Acts as a transcriptional transactivator of TCEA1 elongation activity.[UniProtKB/Swiss-Prot

Function]

Product images:



Circular map for MR200759