

Product datasheet for MC214813

Eid2 (NM_198425) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Eid2 (NM_198425) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Eid2
Synonyms:	Cri2; EID-2
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>MC214813 representing NM_198425 Red=Cloning site Blue=ORF Orange=Stop codon

TTTGTAAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGTCGCAGCTGCCCGCAGTCAGCAGCGCCCCGCAGACGGGAGCAGCAGCCGCGACCGCCGGCTCCCGC
AGGCCGAGGTAGGCGGCGGGCGGCTGCGCTCCCGGTCCGGCGCGACCTGGGGAGACCCGGGGACGCC
AATGGCGGCGGCCCGGAAGCCCCGAGCCCCGGCGCGGCTGCCAGGGGAGGCCGGGTGGCTGCAGCC
CGGAAGGCAGGGCGGCGGCGGCCGAGGAGCCCTGGGGCGGCGCCCCGGGCGGCGCAGCGGCCCGC
AAGCCCCGGCGGCGGCGGCGGTCCAGGAAGCCCGATGGCAGAGGTGCCCCGGCTGCTGGGCGATCC
GCTGGAGGAGGAGCTCCGGAGGCGAGGCCCGGTCCAGGGCGGCGGCCTGGCGGCGATGCCGTACATG
CGCTTCGCCACCCCTCAGCGTCTTGGGCATCAATTACCAGCAGTTCTGCGCCACTACCTGGAGAACT
ACCCGATCGCCCCCGGCCGATCCAGGAGCTGGAGGAGCGCCGGCGGCGCTTCGTGGAGGCTGCCGAGC
CAGGGAGGCAGCCTTCGACATAGAGTACCTGCGTAACCCCGAGAGGTGGATTTTGACATTTTAACGTTT
ACCATAGCCCTGACTGCATCAGAGGTGATCAATCCTCTAATAGAAGAACTGGGTTGCGATAAGTTTCATCC
ACAGAGAG**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	SgfI-MluI
ACCN:	NM_198425
Insert Size:	711 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).
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:	NM_198425.2 , NP_940817.1
RefSeq Size:	1299 bp
RefSeq ORF:	711 bp
Locus ID:	386655
UniProt ID:	Q6X7S9
Cytogenetics:	7 A3
Gene Summary:	Interacts with EP300 and acts as a repressor of MYOD-dependent transcription and muscle differentiation. Inhibits EP300 histone acetyltransferase activity. Acts as a repressor of TGFB/SMAD transcriptional responses. May act as a repressor of the TGFB/SMAD3-dependent signaling by selectively blocking formation of TGFB-induced SMAD3-SMAD4 complex (By similarity).[UniProtKB/Swiss-Prot Function]