

Product datasheet for MR203809

Eapp (NM_025456) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Eapp (NM_025456) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Eapp
Synonyms:	1810011O16Rik
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
ORF Nucleotide Sequence:	>MR203809 ORF sequence Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGAACCGACTCCAGGATGACTATGACCCGTACGCGGTGGAAGAGCCGAGCGACGAGGAGCCGGCTCTGA
GCAGTTCTGAAGATGAACTGGATGTGCTTTTACATGGAACCCAGACCAAAAGCGAAAATCATCCGGGA
ATGTCTTACTGGAGAAAGTGAGTCATCAAGTGAAGATGAATTTGAAAAGAAATGGAGGCTGAACTAAAC
TCCACCATGAAGACAATGGAGGACCAGTTATCCTCACTGGGAACAGGGTCTTCTTCAGGAGTTGCCAAAG
TGGGAGGAGTACAGAAAAGTTCTATGATGAGATATATTTTGATTCTGATTCTGAGGATGAGGACAAAAC
AGTGACCAAGAAGAAGAAGAACAACACAGGATCCAACAAACGATGAGCTGCTGTATGATCCTGAG
AAAGATAACAGAGACCAGGCCTGGGTTGACGCCAAGAGGAGGGTTATCATGCTTTTGGATTGCAAAGGC
CACGTCAGAAAACAACAGCCTGTTCCAACAGTGATGCTGTTCTGAATTGCCAGCCTGTATGACGACATT
GTGCCTTGATTGCCAGAGGCATGAATCCTACAAGACGCAGTACAGGGCAATGTTTGTGATGAATTGTTCT
ATCAACAGAGAAGAGTTCTGAGATAACAAGATCCAGAAAACAGGAGGAAACGGCGGAGTGCTAAGAAGA
TGAGGTCAATCCTGAAGATCCCGCAGAGAGAGAAGCGGAGGAAATCTATCACCTGTATGTGCACAGA
GTGTTCAACTGAAGTGGCAGTCTATGACAAGGATGAAGTCTTTCACTTTTCAATGTTTTAGCGAGCCAT
TCT

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



[View online »](#)

Protein Sequence: >MR203809 protein sequence
 Red=Cloning site Green=Tags(s)

MNRLQDDYDPYAVEEPSDEEPALSSSEDELVLLHGTPDQKRKLI RECLTGESESSSEDEFEKEMEAELN
 STMKTMEDQLSSLGTGSSSGVAVGGVTEKFYDEIYFDSSEDEDKTVTKKKKKQHRIP TNDL L YDPE
 KDNRDQAWVDARRRGYHAFGLQRPRQKQPVPNSDAVLNCPACMTTLCLDCQRHESYKTQYRAMFVMNCS
 INREEV LRYKNPENRRRKRRS AKKMRSNPEDPAEREAEEIYHPVMCTECSTEVAVYDKDEVFHF FNV LASH
 S

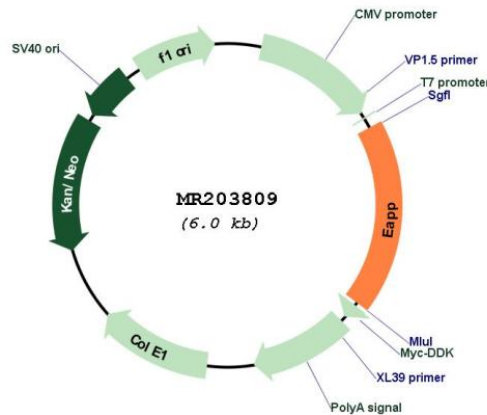
TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: Sgfl-MluI

Cloning Scheme:



Plasmid Map:



ACCN: NM_025456
ORF Size: 846 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:	<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 Size:	1143 bp
RefSeq ORF:	846 bp
Locus ID:	66266
UniProt ID:	Q5BU09
Cytogenetics:	12 C1
MW:	32.5 kDa
Gene Summary:	May play an important role in the fine-tuning of both major E2F1 activities, the regulation of the cell-cycle and the induction of apoptosis. Promotes S-phase entry, and inhibits p14(ARP) expression (By similarity).[UniProtKB/Swiss-Prot Function]