

Product datasheet for MC224411

Eea1 (NM_001001932) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Eea1 (NM_001001932) Mouse Untagged Clone
Tag: Tag Free
Symbol: Eea1
Synonyms: A430109M19Rik; B230358H09Rik; ZFYVE2
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC224411 representing NM_001001932
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCGCGATCGCC

ATGTTTCGAAGGATCTTGCAGAGGACTCCTGGGCGAGTTGGCTCTCAAGTTCTGATTTAGATTCATCAG
 CAACTCCTATAAATACGGTGGATGTCAATAATGAAAGTTCTTCAGAGGGTTTCATATGTCCCCAGTGTAT
 GAAATCCCTTGGCTCTGCTGATGAGCTTTCAAGCACTATCAGGCCGTTTCATGATGCTGGTAATGACTCG
 GGTTCATGGTGGAGAGCCGGTCTTGCTTTGACACGAGATGACATAACACTACTCAGACAAGAGGTCCAAG
 ACCTACAGGCCTCACTTAAGGAAGAAAAATGGTACTCAGAAGAATTAAGAAAGAATTAGAAAAATATCA
 AGGGCTACAGCAGCAAGAGGCTAAATCTGATGGATTGGTACTGATTCGTCAGCAGAGCTACAGGCTTTA
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 CAAGAAGTTGCAGTATATGTGCAGGAAATACAAAACTTAAAGGTTCAATTAATGAATTAACACAAAAAA
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 CAAGAACGCAAGCTCTACAGCAAAGTGCTACAGCCAACTCCGAGAAGCTCAGAATGATTTGGAGCAAG



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TGTTACGTCAGATTGGAGATAAGGACCAAAAGATCCAGAACCTTGAAGCCTTGCTGCAGAAGGGTAAAGA
 AAGCGTTTCCTTACTAGAAAAGGAAAGAGAAGATCTTTATGCAAAAATCCAGGCCGTGAAGGAGAGACT
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 TCAGGGGACCATAAATCAGCTAAAGCAATCAGCTGAACAAAAGAAAACAAAATGAAGCGCTTCAAGGA
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 AGGAAGCGAAGCTGCATTCTGAAATAAAAGAAAAGGAAGCGGGAATGAAGAAACACGAAGAAAACGAGGC
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 CTGTTTCAGAAATAAAGACGAAAGAAGAGCACTCCTAGAGAGGTGTCTTAAAGGCGAAGGTGAAATAGA
 AAAGCTTCAGACCAAGCCCTAGAGCTGCAGAGAAAGCTGGATAACACAACCTGCGGCCGTGCAGGAGCTG
 GGCAGGGAGAACCAGTCTCTCCAGATCAAAACACACAAGCATTGAACAGAAAAGTGGGCGGAAGACAACG
 AAGTGCAGAACTGCATGTCTGTGGGAAGTGTCTTCCGTACCCTGCGGCGGCATCACTGCCGACAGTG
 TGGGAATATCTTCTGTGCCGAGTGTCAACCAAAAATGCCTTAACCTCTTTCGAAAGAGCCTGTTCGT
 GTCTGTGATGCATGCTTCAATGATTTGCAAGGATAA

ACGCGTACGCGGCCGCTCGAGCAGAAAATCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:

Sgfl-Mlul

ACCN:

NM_001001932

Insert Size:

4236 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_001001932.3</u> , <u>NP_001001932.1</u>
RefSeq Size:	7836 bp
RefSeq ORF:	4236 bp
Locus ID:	216238
UniProt ID:	<u>Q8BL66</u>
Cytogenetics:	10 C2
Gene Summary:	Binds phospholipid vesicles containing phosphatidylinositol 3-phosphate and participates in endosomal trafficking.[UniProtKB/Swiss-Prot Function]