

Product datasheet for **MC212142**

Eef1akmt4 (NM_025462) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Eef1akmt4 (NM_025462) Mouse Untagged Clone
Tag: Tag Free
Symbol: Eef1akmt4
Synonyms: 1810009K13Rik; 6330509A19Rik; 9630025D12Rik; BB127715; Ece-2
Mammalian Cell Selection: Neomycin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Fully Sequenced ORF: >MC212142 representing NM_025462
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGCCTCTCCCGGACTCCGGTGTCCCTCCGGAGTTACCGGAGAAGAACTTCCAGTACCGCCAAGTCC
AGTACTGGGACCAGCGCTACAAAGACGCGGCCGACTCTGGACCCTACGAGTGGTTCGGAGACTTCGCTTC
CTTCCGTGCCCTCTAGAGCCGGAGCTGTGTCTGAGGACCGTATCCTCGTCTAGGTTGCGGGAACAGT
GCCTTGAGCTATGAGCTGTTCCCTGGAGGCTTCCCTAATGTGACCAGTGTGGATTACTCTCCAGTAGTGG
TGGCAGCCATGCAAGTTCGCTATGCCATGTACCCAGTCTACGCTGGGAGACCATGGATGTTTCGAGCACT
GGACTTCCCTAGTGGGTCTTTGATGTTGTCTCGAGAAGGGTACTCTGGATGCCATGCTGGCTGGGGAG
CCAGATCCCTGGAATGTATCTTCTGAAGGTGTCCACACTGTGGACCAGGTGCTGAGTGAGGTAAGCCGGT
TGCTAGTTCCTGGAGGCCGATTCATCTCAATGACTTCTGCAGGTCCCACTTTAGGATCAGACACTATGC
TCAATCCCCTTATGACTGGTCACTGAGGCATACAACCTATAGCAGTGGTTTTCAATTTCCACTTTTACATC
ATGCATAAGGGCAGAGCGCTCAGTGTGTCCAGCTGGCCCTGGGGGCCAAATCCTCTCATCCCCAGCC
CTCCTGCCTCACCTGCTTCTCCAAGACTCAGACAACGAGGACTTCTCAGTGCCATTCAGCT**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_025462
Insert Size: 768 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_025462.2 , NP_079738.2
RefSeq Size:	1000 bp
RefSeq ORF:	768 bp
Locus ID:	110599566
UniProt ID:	P0DPE0
Cytogenetics:	16
Gene Summary:	This gene encodes a member of the lysine-specific methyltransferase (KMT) family. The encoded enzyme catalyzes the methylation of lysine-36 of the eukaryotic translation elongation factor 1 alpha. Methylation by this enzyme may affect endoplasmic reticulum-related processes. [provided by RefSeq, Jul 2017]