

Product datasheet for **MC207715**

Eef1akmt2 (NM_028095) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Eef1akmt2 (NM_028095) Mouse Untagged Clone
Tag: Tag Free
Symbol: Eef1akmt2
Synonyms: 2010208K18Rik; Mettl10
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC207715 representing NM_028095
Red=Cloning site **Blue**=ORF **Orange**=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGAACCGGATGCTGAGGGCCACAGCGGTGCTGTGGTCCCCGCGCAATCTCCAGAGGGCAGTCCGCGG
CGGATGACTTCGTCCTCCGCTCCGCGCTGGGACACGAGAGCATTGGGATGCTGTTTATGAGAGAGAAGT
AACATCCAAGAATATGGGGATACAGGAGAAATCTGGTTTGGGGAAGAGAGATGAACCGACTAATACGG
TGGATGCAGAAACACAAGATCCCATTGGATGCCTCAGTGCTTGATATTGGAAGTGGAAATGGTGTTC
TGGTTGAAGTGTGAAACATGGTTTCTCTAATAAAGTGGGATTGATTATTCTCCTTCTGCAATTAAGCT
TTCTGCAAGTATTTAGAGAAAGAAGGGCTATCTAACATTAAGTGAAGGTAGAAGACTTTTGAATCCC
TCTACAAAGCTTTCTGGATTTTCATGTTTGTGTTGACAAAGGGACTTACGATGCCATAAGTCTAATCCTG
ACAATGCAATTGAGAAGAGGAAGCAGTATGTGATGTCTCTCCAGGGTGTGGAAGTAAAAGGCTTTTT
TCTAATAACCTCATGTAATTGGACCAAGGCAGAGTTGCTAGATGCATTGAGTGAAGGATTTGAACTTTT
GAAGAGCTGCCAACCCCAAGTTCAGCTTTGGAGGTAGATCTGAAACACTGTAGCAGCTTTGGTTTTTC
AAAAAGGGGGACTTCTTGGACAAAATCAGT**TAG**

ACGCGTACGCGGCCGCTCGAGCAGAAAACATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul
ACCN: NM_028095
Insert Size: 735 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_028095.1 , NP_082371.1
RefSeq Size:	1097 bp
RefSeq ORF:	735 bp
Locus ID:	72096
UniProt ID:	Q9D853
Cytogenetics:	7 F3
Gene Summary:	Protein-lysine methyltransferase that selectively catalyzes the trimethylation of EEF1A at 'Lys-318'. ^[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (1) represents the longer transcript and encodes the longer isoform (1).