

Product datasheet for MC211076

Eef2kmt (NM_027446) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Eef2kmt (NM_027446) Mouse Untagged Clone
Tag: Tag Free
Symbol: Eef2kmt
Synonyms: 5730409G15Rik; eEF2-KMT; Fam86; Fam86a
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC211076 representing NM_027446
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGGCGCCTGAGGACCACGAGGGGGCCACGTCTCTGCTGCAGAGTTTCGAGCGCCGCTTCTGGCGGCTC
 GCGCGCTGCCCTCCTTTCCCTGGCAGAGCCTAGAAGAAAACTAAAGACCCCTCGGTTCTGAGCTGTT
 GCTGGCTATTCTGCAGAGGACTGTGAAGCACCCGTGTGTGTGCAGCACGGACCTTCTGTGAAGTATGCC
 CGCTGCTTTCTCTCAAAGCTCATCAAAAAGCATGAGGCTGTACCCACGGAGCCTTTGGATGCACTGTATG
 AGGCGTTGGCAGAGGTTCTGATGACCCAAGAGTCCACCCAGTGCCACCGGAGCTATTTGCTGCCTTCAGG
 AAAGTACAGTTACTCTCTGAGAGCACTGCCATCGTGTCCCATGGCACCACAGGCTTGGTTACATGGGAC
 GCTGCTCTACTGCGAGAATGGGCCATTGAGAACCCAGCAGCCTTCACTGACAGGACTATCCTGGAGC
 TAGGCAGTGGAGCTGGCCTTACAGGCCTGGCAATTTGCAAGGCATGTGCCCCAGAGCATAACATCTTCAG
 CGACTGTCATGCCAAGTGCTTGAGCAGCTCCGTGAAACGTTCTCCTCAACGGCTTCTCCTTAGAGCCG
 CACACCCCATTTGAGCAGGCAGCTCGAAGGTGACAGTGGCTCAGCTGGACTGGGACGAGGTGACAGCCT
 CTCAGCTCTGCCTTCCAGGCAGATGTTGTCTTGCAGCAGATGTACTGTACTGCTGGGAGATGACACT
 GTCAGTGGTCAAGGTCCTGAAGTGTCTGAGGACTGCCAGAGGAAGAGCGCTCCTGATGTCTATGTAGCC
 TATACTATCCGCAGCCAGGACACAGGCAAGCTGTTTCATCGAAGAGCTGGACCGTGTGGAATCTACTGGG
 AAGAGGTGCCCTCACACTGGCAAAGTGTCCCTTACGAAGAGCATTACGCCATCGTAATCCTGAAGCT
 GGTGCTGACCAGTCGCCATGGTGT**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_027446



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Insert Size:	1008 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_027446.2</u> , <u>NP_081722.1</u>
RefSeq Size:	2140 bp
RefSeq ORF:	1008 bp
Locus ID:	70511
UniProt ID:	<u>Q3UZW7</u>
Cytogenetics:	16 2.51 cM
Gene Summary:	Catalyzes the trimethylation of eukaryotic elongation factor 2 (EEF2) on 'Lys-525'. [UniProtKB/Swiss-Prot Function]