

Product datasheet for MR227999

Etfbkmt (NM 001252097) Mouse Tagged ORF Clone

Product data:

Product Type: Expression Plasmids

Product Name: Etfbkmt (NM_001252097) Mouse Tagged ORF Clone

Tag: Myc-DDK
Symbol: Etfbkmt

Synonyms: 4833442J19Rik; Al256744; ETFB-KMT; Mettl20

Vector:pCMV6-Entry (PS100001)E. coli Selection:Kanamycin (25 ug/mL)

Cell Selection: Neomycin

ORF Nucleotide >MR227999 representing NM_001252097
Sequence: Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC

GCCGCGATCGCC

ATGAGTGGAGCATCAAAGATCTTGGCCAACGACATAGACCCCATTGCAGGAATGGCGATTACACTAAATT GCAAATTAAATGGACTGAATCCTTTTCCTGTTTTAACTAAAAACATTTTGAATACCCAACAAGGTAAGTT TGATCTCATTGTTCTTGGAGATATGTTTTATGATGAAGACCCTTGCAGACAGTCTTCATCTGTGGCTGCAG AACTACTTTTGGACCCATGGAACCCGAGTACTGATTGGTGACCCTGGGAGGCCCCAGTTCAGTGGACATA GCATTCGGCATCAACTGTACCAACTAGTAGAATACACACTTCCAGAGCCAACTCAGCAAGAGAACAATGG

ACTGACCACAAGTGCTGTATGGGATTTTCATCCC

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT

ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >MR227999 representing NM_001252097

Red=Cloning site Green=Tags(s)

MSGASKILANDIDPIAGMAITLNCKLNGLNPFPVLTKNILNTQQKFDLIVLGDMFYDEDLADSLHLWLQ

NYFWTHGTRVLIGDPGRPQFSGHSIRHQLYQLVEYTLPEPTQQENNGLTTSAVWDFHP

TRTRPLEQKLISEEDLAANDILDYKDDDDK**V**

Restriction Sites: Sgfl-Mlul



OriGene Technologies, Inc. 9620 Medical Center Drive, Ste 200

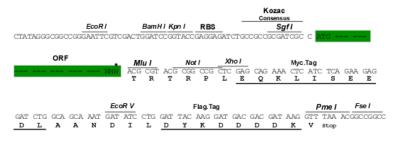
CN: techsupport@origene.cn

Rockville, MD 20850, US Phone: +1-888-267-4436 https://www.origene.com techsupport@origene.com EU: info-de@origene.com



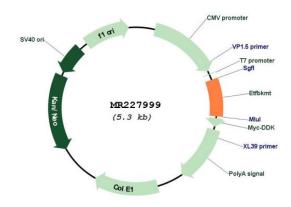
Cloning Scheme:





^{*} The last codon before the Stop codon of the ORF

Plasmid Map:



ACCN: NM_001252097

ORF Size: 384 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

Etfbkmt (NM_001252097) Mouse Tagged ORF Clone - MR227999

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: 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 001252097.1, NP 001239026.1

 RefSeq Size:
 1165 bp

 RefSeq ORF:
 387 bp

 Locus ID:
 320204

 Cytogenetics:
 6 G3

 MW:
 14.9 kDa

Gene Summary: Protein-lysine methyltransferase that selectively trimethylates the flavoprotein ETFB in

mitochondria. Thereby, may negatively regulate the function of ETFB in electron transfer from

Acyl-CoA dehydrogenases.[UniProtKB/Swiss-Prot Function]