

## Product datasheet for **MC204647**

### Etfbkmt (NM\_177101) Mouse Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Etfbkmt (NM\_177101) Mouse Untagged Clone  
**Tag:** Tag Free  
**Symbol:** Etfbkmt  
**Synonyms:** 4833442J19Rik; AI256744; ETFB-KMT; Mettl20  
**Mammalian Cell Selection:** Neomycin  
**Vector:** PCMV6-Kan/Neo (PCMV6KN)  
**E. coli Selection:** Kanamycin (25 ug/mL)

**Fully Sequenced ORF:** >BC048711  
CGAAAAAGGAGACCTACCGTACTGTGTTTTTTTTTTCTCCTGCACGTGAAGGGCGAGTCCACTTGCTGA  
TCGAATAAAGTCAGAGATCCAGAAATCCAGTGTCAATTAAGTGGAAAGATGGACCCCTATTCTATCTGC  
TTGGGAAACAGTCTTATTAATAGCAACTGACAGAACCCTGAGGTTTGGAGATGTAATAATGGCTTTCA  
GCCTGTGTTGGAAAGCTCCCAGGAGCCATGGAGTTTCTGCAGGCTGTGAAACAATGGGTCTCCCTGTT  
TCTCTGGAGGACAGTGGGGAGCTGTTGGATCCTAAGATGAAAGCCTACCTGGAAGAGAACACTGAAGTC  
ACCAGCAGTGGTAGCCTTACCCCGGAAATCCAGTTACGGCTTTTAAACCCAGGTGCAAGTTTTGGTGGG  
AAAGGGCTGACCTGTGGCCCTACAGTGATCCCTACTGGGCTATTTACTGGCCAGGAGGCCAGGCTGTGC  
TAGGTATCTTTGGATAACCCTGCTGTTGTTAGAGGAAAGTCTGTCTTAGATCTGGGAGTGGATGTGGA  
GCTACAGCCATTGCTGCCAAGATGAGTGGAGCATCAAAGATCTTGCCAACGACATAGACCCCATTCGAG  
GAATGGCGATTACACTAAATTGCAAATTAATGGACTGAATCCTTTTCTGTTTTAACTAAAAACATTTT  
GAATACCCAACAAGGTAAGTTTGATCTCATTGTTCTTGGAGATATGTTTTATGATGAAGACCTTGCAGAC  
AGTCTTCATCTGTGGCTGCAGAACTACTTTTGGACCCATGGAACCCGAGTACTGATTGGTACCCTGGGA  
GGCCCCAGTTCAGTGGACATAGCATTCCGCATCAACTGTACCAACTAGTAGAATACACACTTCCAGAGCC  
AACTCAGCAAGAGAACAATGGACTGACCACAAGTCTGTATGGGATTTTCATCCCTGATTTGTTAAAGTG  
CTTTCAAGTATGAATATAGTTCTGTTTGTGTTAAGTCTAAAAATATCCTCTGTAGGAGGTATTCAACAG  
TTTAAAGAATGCAATTCAGTGGCTTGTGGTGGATTGGGCCTTGAATACTACCACTGGGAGGCTGAAGTA  
GGCGCATCTCTGTGACTTTGAGGACAGCTTGGTCTATAGTGAGTCAAGGACAGCCAGAGCTATATAGTA  
AGACCCGTGCCAAAAATAGATAGATAGATAAAGTAAATTTCTTCATTCCTTTGCTGTGACACCTTG  
AATAACTGTATGGTTTATAAAGTTAGTTATGGTTATGTTCCCATTTACATACCAAGGTGTCAGGATTT  
TATAACAAAGCACTCTATCATATACAATTGCATATGTAGAAGGTATATTTATATATGTATGTATGTATGG  
ATGTAATATATATAATTTGCTTCAGTATTAATAAAATATCTCTGGAAAGTAAAAAAAAAAAAAAAAAAAA  
AA

**Restriction Sites:** RsrII-NotI  
**ACCN:** NM\_177101



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<b>Insert Size:</b>	768 bp
<b>OTI Disclaimer:</b>	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).
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<u><a href="#">BC048711</a></u> , <u><a href="#">AAH48711</a></u>
<b>RefSeq Size:</b>	1513 bp
<b>RefSeq ORF:</b>	768 bp
<b>Locus ID:</b>	320204
<b>UniProt ID:</b>	<u><a href="#">Q80ZM3</a></u>
<b>Cytogenetics:</b>	6 G3
<b>Gene Summary:</b>	<p>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]</p> <p>Transcript Variant: This variant (4) differs in the 5' UTR compared to variant 1, and encodes the longer isoform (a). Variants 1-4 all encode isoform a.</p>