

Product datasheet for RN210605

Etfbkmt (NM_198772) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Etfbkmt (NM_198772) Rat Untagged Clone
Tag: Tag Free
Symbol: Etfbkmt
Synonyms: ETFB-KMT; Mettl20
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >RN210605 representing NM_198772
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGGCTTTCAGCCTGTGCTGAAAGCTCCAGGAGCCAATGGAGTTTTCTGCAGGCTCTGAACAGTGGGT
 TTCCTCTCTTCCCTGGAGGACAGTGGGAGCTGTTGGATCTTAAGATGAAAGCCTACCTGGAGGAGAA
 CACTGAAGTCACCAGCAGTGGCAGCCTTACCCCTGAAATCCAGTTACGGCTTTTAAACCCAGGTGCAAG
 TTTTGGTGGGAAAGGGCTGACCTGTGGCCCTACAGTGATCCCTACTGGGCTATCTACTGGCCAGGAGGCC
 AGGCTCTGTCTAGGTATCTTTGGATAACCCCTGATGTTGTTAGAGGAAAGTCTGTCTTAGATCTTGGGAG
 TGGATGTGGAGCTACAGCCATCGCTGCTAAGATGAGTGGAGCGTCGAACATCTTGGCCAACGACGTAGAC
 CCCATTGCAGGAATGGCGATTACACTAAATTGCAAACTAAATGGACTGAATCCTTTTCTATTTTAAACCA
 AAAACATTTTGAATACCCGACAAGGTAAGTTTGATCTCATTGTTCTTGGAGATATGTTTTATGATGAAGA
 CCTTGCAGACAGTCTTCACTTGTGGCTGCAAACTGCTTTTGGCCTATGGAACCTCGAGTACTGATTGGT
 GACCCTGGGAGGCCCCAGTTCAGTGGACACAGCATTGAGCATCACTGTACCAACTAGCAGAATACACAC
 TTCCAGAGCCAACCCAGCAAGATAACAATGGACTGACCACAAGTGCAGTATGGGATTTTCATCCC**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul
ACCN: NM_198772
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_198772.1 , NP_942067.1
RefSeq Size:	1632 bp
RefSeq ORF:	768 bp
Locus ID:	316976
UniProt ID:	Q6P7Q0
Cytogenetics:	4q44
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 to the main respiratory chain.[UniProtKB/Swiss-Prot Function]