

Product datasheet for **RC210894**

ETFB (NM_001985) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ETFB (NM_001985) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	ETFB
Synonyms:	FP585; MADD
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>RC210894 ORF sequence Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGCGGAGCTGCGCGTGCTCGTAGCTGTCAAGAGGGTCATCGACTACGCCGTGAAGATCCGAGTGAAGC
CTGACAGGACCGGTGTGGTCACGGATGGTGTGAAGCACTCCATGAACCCCTTCTGTGAGATCGCGGTGGA
GGAGGCTGTGCGGCTCAAGGAGAAGAAGCTGGTGAAGGAGGTATCGCCGTCAGCTGTGGCCTGCACAG
TGCCAGGAGACGATTTCGACCGCCCTGGCCATGGGTGCAGACCGAGGTATCCACGTGGAGGTGCCCCAG
CAGAAGCAGAACGCTTGGGTCCCTGCAGGTGGCTCGGGTCTGGCCAAGCTGGCAGAGAAGGAGAAGGT
GGACCTGGTGTGCTGGGCAAACAGGCCATCGATGATGACTGTAACCAGACAGGGCAGATGACAGCTGGA
TTTCTTGACTGGCCACAGGGCACATTCCCTCCCAGGTGACGCTGGAGGGGGACAAGTTGAAAGTGGAGC
GGGAGATCGATGGGGGCCTGGAGACCCTGCGCCTGAAGCTGCCAGCTGTGGTGACAGCTGACCTGAGGCT
CAACGAGCCCCGCTACGCCACGCTGCCCAACATCATGAAAGCCAAGAAGAAGATCGAGGTGATCAAG
CCTGGGGACCTGGGTGTGGACCTGACCTCCAAGCTCTGTGATCAGTGTGGAGGACCCGCCACGCGCA
CGGCCGGCGTCAAGGTGGAGACCACTGAGGACCTGGTGGCCAAGCTGAAGGAGATTGGGCGGATT

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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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_001985.3](#)

RefSeq Size: 933 bp

RefSeq ORF: 768 bp

Locus ID: 2109

UniProt ID: [P38117](#)

Cytogenetics: 19q13.41

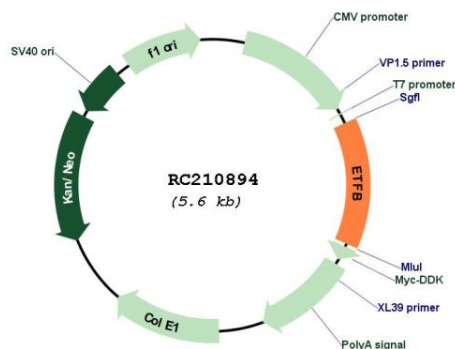
Domains: ETF_beta

Protein Families: Druggable Genome

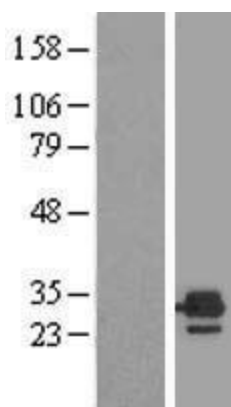
MW: 27.8 kDa

Gene Summary: This gene encodes electron-transfer-flavoprotein, beta polypeptide, which shuttles electrons between primary flavoprotein dehydrogenases involved in mitochondrial fatty acid and amino acid catabolism and the membrane-bound electron transfer flavoprotein ubiquinone oxidoreductase. The gene deficiencies have been implicated in type II glutaricaciduria. Alternatively spliced transcript variants have been found for this gene. [provided by RefSeq, Jul 2008]

Product images:



Circular map for RC210894



Western blot validation of overexpression lysate (Cat# [LY419607]) using anti-DDK antibody (Cat# [TA50011-100]). Left: Cell lysates from untransfected HEK293T cells; Right: Cell lysates from HEK293T cells transfected with RC210894 using transfection reagent MegaTran 2.0 (Cat# [TT210002]).



Coomassie blue staining of purified ETFB protein (Cat# [TP310894]). The protein was produced from HEK293T cells transfected with ETFB cDNA clone (Cat# RC210894) using MegaTran 2.0 (Cat# [TT210002]).