

Recombinant Human ETFB, His-tagged

Cat. No. ETFB-3524H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human ETFB protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography (1-255aa).
Species	Human
Source	E.coli
Description	ETF (electron transfer flavoprotein) is a heterodimer of an alpha and beta subunit. The ETFB protein is 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.
Form	Liquid. 20mM Tris-HCl buffer (pH8.0) containing 40% glycerol, 0.1M NaCl
Molecular Weight	30.0 kDa (275aa) confirmed by MALDI-TOF
Purity	>90% by SDS - PAGE
Concentration	0.25 mg/ml (determined by Bradford assay)
Sequences of amino acids	MGSSHHHHHH SSGLVPRGSH MAELRVLVAV KRVIDYAVKI RVKPDRTGVV TDGVKHSMP FCEIAVEEAV RLKEKKLVKE VIAVSCGPAQCQETIRTALAMGADRGHVE VPPAEAERLG PLQVARVLAK LAEKEKVDLV LLGKQAIDDD CNQTGQMTAG FLDWPQGTF

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

SQVTLEGDKLKVEREIDGGLETLRLKLPV VTADLRRLNEP RYATLPNIMK
AKKKKIEVIK PGDLGVDLTS KLSVISVEDP PQRTAGVKVETTEDLVAKLKEIGRI

Storage

Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.

GENE INFORMATION
Gene Name

ETFB electron-transfer-flavoprotein, beta polypeptide [Homo sapiens]

Synonyms

ETFB; MADD; FP585; electron transfer flavoprotein subunit beta; beta-ETF; electron transfer flavoprotein beta subunit; electron transfer flavoprotein beta-subunit; electron transfer flavoprotein, beta polypeptide; electron-transferring-flavoprotein, beta polypeptide

Gene ID

2109

mRNA Refseq

NM_001985

Protein Refseq

NP_001976

MIM

130410

UniProt ID

P38117

**Chromosome
Location**

19q13.3

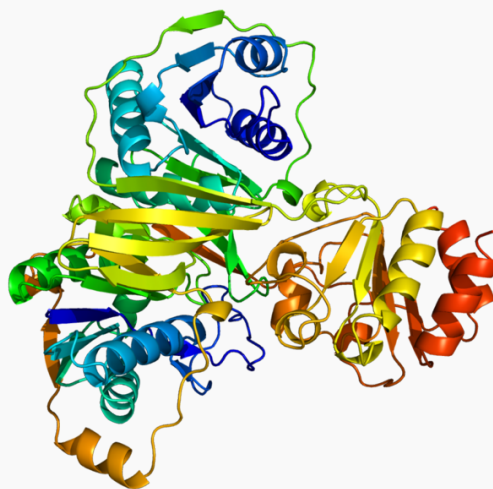
Function

electron carrier activity

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