

Product datasheet for **TP310894M**

ETFB (NM_001985) Human Recombinant Protein

Product data:

Product Type: Recombinant Proteins

Description: Recombinant protein of human electron-transfer-flavoprotein, beta polypeptide (ETFB), transcript variant 1, 100 µg

Species: Human

Expression Host: HEK293T

Expression cDNA Clone or AA Sequence: >RC210894 protein sequence
Red=Cloning site **Green**=Tags(s)

MAELRVLVAVKRVIDYAVKIRVKPDRTGWVTDGVKHSMPFCEIAVEEAVRLKEKKLVKEVIAVSCGPAQ
CQETIRTALAMGADRGIHVEVPPAEAERLGLQVARVLAKLAEKEKVDLVLGKQAIDDDCNQQTGQMTAG
FLDWPQGTAFASQVTLEGDKLKVEREIDGGLETLRKLPAVVTADLRLNEPRYATLPNIMKAKKKKIEVIK
PGDLGVDLTSKLSVISVEDPPQRTAGVKVETTEDLVAKLKEIGRI

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag: C-Myc/DDK

Predicted MW: 27.7 kDa

Concentration: >0.05 µg/µL as determined by microplate BCA method

Purity: > 80% as determined by SDS-PAGE and Coomassie blue staining

Buffer: 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol

Preparation: Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.

Note: For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.

Storage: Store at -80°C.

Stability: Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.

RefSeq: [NP_001976](#)

Locus ID: 2109



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UniProt ID: [P38117](#)

RefSeq Size: 933

Cytogenetics: 19q13.41

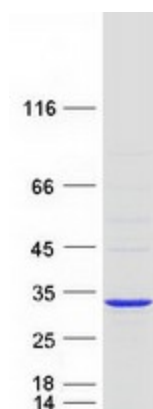
RefSeq ORF: 765

Synonyms: FP585; MADD

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]

Protein Families: Druggable Genome

Product images:



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]).