

Recombinant Full Length Human ETFB Protein, GST-tagged

Cat. No. ETFB-4735HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human ETFB full-length ORF (NP_001976.1, 1 a.a. - 255 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	255 amino acids
Description	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]
Molecular Mass	54.2 kDa
AA Sequence	MAELRVLVAVKRVIDYAVKIRVKPDRTGVVTDGVKHSMPFCEIAVEEAVRLKEKKL VKEVIAVSCGPAQCQETIRTALAMGADRGHVEVPPAEAERLGPLQVARVLAKLAEK EKVDLVLLGKQAIDDDCNQTGQMTAGFLDWPQGTTFASQVTLEGDKLKVEREIDGGL ETLRLKLPAVVTTADLRLNEPRYATLPNIMKAKKKKIEVIKPGDLGVDLTSLKLSVISVED PPQRTAGVKVETTEDLVAKLKEIGRI
Applications	Enzyme-linked Immunoabsorbent Assay

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	Western Blot (Recombinant protein) Antibody Production Protein Array
Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
GENE INFORMATION	
Gene Name	ETFB electron-transfer-flavoprotein, beta polypeptide [Homo sapiens]
Official Symbol	ETFB
Synonyms	ETFB; electron-transfer-flavoprotein, beta polypeptide; 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; MADD; FP585;
Gene ID	2109
mRNA Refseq	NM_001014763
Protein Refseq	NP_001014763
MIM	130410
UniProt ID	P38117

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