

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	MAELRVLVAVKRVIDYAVKIRVKPDRTGVVTDGVKHSMPFCEIAVEEAVRLKEKKLVKEVIAVSCGPAQCQETIRTALAMGADRGHVEVPPAEAERLGPLQVARVLAKLAEEKVDLVLLGKQAIDDDCNQTGQMTAGFLDWPQGTFFASQVTLEGDKLKVEREIDGGLETLRLKLPAVVTTADLRLNEPRYATLPNIMKAKKKKIEVIKPGDLGVDLTSLKLSVISVEDPPQRTAGVKVETTEDLVAKLKEIGRI
Applications	Enzyme-linked Immunoabsorbent Assay

 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

	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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