

Recombinant Full Length Human ETFB Protein, GST-tagged

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

SPECIFICATION

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| 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 | MAELRVLVAVKRVIDYAVKIRVKPDRTGVVTDGVKHSMNPFCEIAVEEAVRLKEKKL VKEVIAVSCGPAQCQETIRTALAMGADRGIHVEVPPAEAERLGPLQVARVLAKLAEK EKVDLVLLGKQAIDDDCNQGTGQMTAGFLDWPQGTTFASQVTLEGDKLKVEREIDGGL ETLRLKLPVVTTADLRLNEPRYATLPNIMKAKKKKIEVIKPGDLGVDLTSLKLSVISVED 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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