

Product datasheet for PH310894

ETFB (NM_001985) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	ETFB MS Standard C13 and N15-labeled recombinant protein (NP_001976)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC210894
Predicted MW:	27.8 kDa
Protein Sequence:	>RC210894 protein sequence Red=Cloning site Green=Tags(s) MAELRVLVAVKRVIDYAVKIRVKPDRTGVVTDGVKHSMPFCEIAVEEAVRLKEKKLVKEVIAVSCGPAQ CQETIRALAMGADRGIHVEVPPAEAERLGPLQVARVLAKLAEKEKVDLVLLGKQAIDDDCNQTGQMTAG FLDWPQGTFFASQVTLEGDKLKVEREIDGGLETLRLLKLPVVATDLRLNEPRYATLPNIMKAKKKKIEVIK PGDLGVDLTSKLSVISVEDPPQRTAGVKVETTEDLVAKLKEIGRI TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	NP_001976
RefSeq Size:	933
RefSeq ORF:	765
Synonyms:	FP585; MADD
Locus ID:	2109
UniProt ID:	P38117



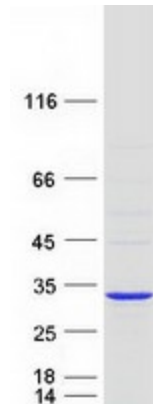
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Cytogenetics: 19q13.41

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]).