

Recombinant Human ETFDH Protein (34-617 aa), His-SUMO-tagged

Cat. No. ETFDH-1007H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human ETFDH Protein (34-617 aa) is produced by E. coli expression system. This protein is fused with a 6xHis-SUMO tag at the N-terminal. Research Area: Metabolism. Protein Description: Full Length of Mature Protein.
Species	Human
Source	E.coli
ProteinLength	34-617 aa
Description	Accepts electrons from ETF and reduces ubiquinone.
Form	Tris-based buffer, 50% glycerol
Molecular Mass	80.7 kDa
AA Sequence	SSTSTVPRITTHYTIYPRDKDKRWEGVNMERFAEEADVIVGAGPAGLSAAVRLKQL AVAHEKDIRVCLVEKAAQIGAHTLSGACLDPGAFKELFPDWKEKGAPLNTPVTEDRF GILTEKYRIPVPILPGLPMNNHGNYIVRLGHLVSWMGEQAEALGVEVYPGYAAAQEV FHDDGSGVKGIATNDVGIQKDGAPKATFERGLELHAKVTIFAEGCHGHLAKQLYKKFD LRANCEPQTYGIGLKLWVIDEKNWKPGRVDHTVGWPLDRHTYGGSFYHLNEGE PLVALGLVVGLDYQNPYLSPFREFQRWKHHPSIRPTLEGGKRIAYGARALNEGQFQ SIPKLTFPGLLIGCSPGFMNVPKIKGTHAMKSGILAAESIFNQLTSENLSKLTIGLH VTEYEDNLKNSWWKELYSVRNIRPSCHGVLGVYGGMIYTGIFYWILRGMEPWTLK

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	HKGSDFERLKPAKDCTPIEYKPDGQISFDLLSSVALSGTNHEHDQPAHLTLRDDSIP VNRNLSIYDGPQRFCPAGVYEFVPVEQGDGFRLQINAQNCVHCKTCDIKDPSQNIN WVPEGGGGPAYNGM
Purity	> 90% as determined by SDS-PAGE.
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4 centigrade for up to one week.
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20 centigrade/-80 centigrade. The shelf life of lyophilized form is 12 months at -20 centigrade/-80 centigrade.
Concentration	A hardcopy of COA with concentration instruction is sent along with the products.

GENE INFORMATION

Gene Name	ETFDH electron-transferring-flavoprotein dehydrogenase [Homo sapiens]
Official Symbol	ETFDH
Synonyms	ETFDH; ETFQO; ETF-QO; MADD;
Gene ID	2110
mRNA Refseq	NM_004453
Protein Refseq	NP_004444
MIM	231675

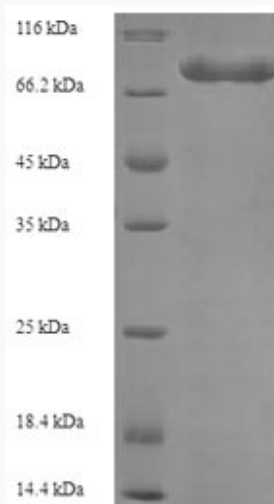
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UniProt ID

Q16134



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

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