



Recombinant Human Electron transfer flavoprotein-ubiquinone oxidoreductase, mitochondrial (ETFDH)

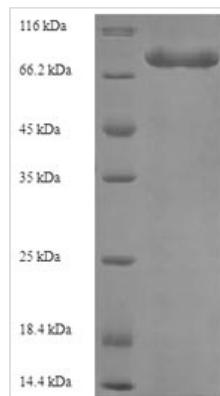
Product Code	CSB-EP619056HU
Relevance	Accepts electrons from ETF and reduces ubiquinone.
Abbreviation	Recombinant Human ETFDH protein
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
Uniprot No.	Q16134
Alias	Electron-transferring-flavoprotein dehydrogenase ;ETF dehydrogenase
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	Greater than 90% as determined by SDS-PAGE.
Sequence	SSTSTVPRITTHYTIYPRDKDKRWEGVNMERFAEEADVIVGAGPAGLSAAVR LKQLAVAHEKDIRVCLVEKAAQIGAHTLSGACLDPGAFKELFPDWKEKGAPLN TPVTEDRFGILTEKYRIPVPILPGLPMNNHGNYIVRLGHLVSWMGEQAEALGVE VYPGYAAAEVLFHDDGSVKGIATNDVGIQKDGAPKATFERGLELHAKVTIFAEG CHGHLAKQLYKKFDLRANCEPQTYGIGLKLWVIDEKNWKPGRVDHTVGWPL DRHTYGGSFYHLNEGEPLVALGLVVGLDYQNPYLSPFREFQRWKHHPSIRP TLEGGKRIAYGARALNEGGFQSIPKLTFPGLLIGCSPGFMNVPKIKGHTHTAMK SGILAAESIFNQLTSENLSKTIGLHVTEYEDNLKNSWVWKELYSVRNIRPSCH GVLGVYGGMIYTGIFYWILRGMEPWTLKHKGSDFERLKPACDCTPIEYKPDG QISFDLLSSVALSGTNHEHDQPAHLTLRDDSSIPVNRNLSIYDGPQRFPCAGVY EFVPVEQGDGFRLLQINAQNCVHCKTCDIKDPSQNINWVPEGGGGPAYNGM
Research Area	Metabolism
Source	E.coli
Target Names	ETFDH
Protein Names	Recommended name: Electron transfer flavoprotein-ubiquinone oxidoreductase, mitochondrial Short name= ETF-QO Short name= ETF-ubiquinone oxidoreductase EC= 1.5.5.1 Alternative name(s): Electron-transferring-flavoprotein dehydro
Expression Region	34-617aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	N-terminal 6xHis-SUMO-tagged



Mol. Weight 80.7kDa

Protein Length Full Length of Mature Protein

Image



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

Reconstitution

We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

Shelf Life

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