Recombinant Rat Electron transfer flavoprotein-ubiquinone oxidoreductase, mitochondrial (Etfdh)

Product Code	CSB-BP740908RA
Abbreviation	Etfdh
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.	Q6UPE1
Product Type	Recombinant Protein
Immunogen Species	Rattus norvegicus (Rat)
Purity	>85% (SDS-PAGE)
Sequence	SSTSAVPQ ITTHYTIHPR EKDKRWEGVN MERFAEEADV VIVGAGPAGL SAAIRLKQLA AEQEKDIRVC LVEKAAQIGA HTLSGACLDP AAFKELFPDW KEKGAPLNTP VTEDRFAILT EKHRIPVPIL PGLPMNNHGN YIVRLGHLVS WMGEQAEALG VEVYPGYAAA EVLYHEDGSV KGIATNDVGI QKDGAPKTTF ERGLELHAKV TIFAEGCHGH LAKQFYKKFD LRASCDAQTY GIGLKELWVI DEKKWKPGRV DHTVGWPLDR HTYGGSFLYH LNEGEPLVAV GFVVGLDYQN PYLSPFREFQ RWKHHPSIRP TLEGGKRIAY GARALNEGGL QSIPKLTFPG GLLIGCSPGF MNVPKIKGTH TAMKSGSLAA EAIFKQLTSE NLQSKTAGLH VTEYEDNLKQ SWVWKELHAV RNIRPSCHGI LGVYGGMIYT GIFYWILRGM EPWTLKHKGS DSEQLKPAKD CTPIEYPKPD GQISFDLLSS VALSGTNHEH DQPAHLTLKD DSIPVNRNLS IYDGPEQRFC PAGVYEFVPL EQGDGFRLQI NAQNCVHCKT CDIKDPSQNI NWVVPEGGGG PAYNGM
Source	Baculovirus
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	33-616
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	Full Length of Mature Protein
Target Details	Electron-transferring-flavoprotein dehydrogenase in the inner mitochondrial membrane accepts electrons from electron-transfer flavoprotein which is located in the mitochondrial matrix and reduces ubiquinone in the mitochondrial membrane. The protein is synthesized as a 67-kDa precursor which is targeted

	to mitochondria and processed in a single step to a 64-kDa mature form located in the mitochondrial membrane. Deficiency in electron-transferring-flavoprotein dehydrogenase have been demonstrated in some patients with type II glutaricacidemia.
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	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.