



Recombinant Human Electron transfer flavoprotein subunit beta (ETFB)

Product Code	CSB-EP007845HU-B
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	P38117
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	≥85% (SDS-PAGE)
Sequence	AELRVLVAV KRVIDYAVKI RVKPDRTGVV TDGVKHSMP FCEIAVEEAV RLKEKLVKE VIAVSCGPAQ CQETIRTALA MGADRGHVE VPPAEAERLG PLQVARVLAK LAEKEKVDLV LLGKQAIDDD CNQTGQMTAG FLDWPQGTF SQVTLEGDKL KVEREIDGGL ETLRLKLPV VTADLRLNEP RYATLPNIMK AKKKKIEVIK PGDLGVDLTS KLSVISVEDP PQRTAGVKVE TTEDLVAKLK EIGRI
Source	E.coli
Target Names	ETFB
Protein Names	Recommended name: Electron transfer flavoprotein subunit beta Short name= Beta-ETF
Expression Region	2-255
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	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.
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.