

## 32-8239: Recombinant Human Electron Transfer Flavoprotein Subunit beta/ETFB (N-6His)(Discontinued)

**Gene :** ETFB  
**Gene ID :** 2109  
**Uniprot ID :** P38117

### Description

Source: E. coli.

MW :29.2kD.

Recombinant Human ETFB is produced by our E.coli expression system and the target gene encoding Met1-Ile255 is expressed with a 6His tag at the N-terminus. Electron transfer flavoprotein subunit beta is a subunit of electron transfer flavoprotein, serves as a specific electron acceptor for several dehydrogenases. It transfers the electrons to the main mitochondrial respiratory chain via ETF-ubiquinone oxidoreductase (ETF dehydrogenase). Electron transfer flavoprotein subunit beta and alpha combine a heterodimer can binds 1 FAD per dimer. Defects in ETFB are the cause of glutaric aciduria type 2B (GA2B).

### Product Info

**Amount :** 10 µg / 50 µg  
**Content :** Supplied as a 0.2 µm filtered solution of 20mM HEPES,150mM NaCl, pH 7.4.  
**Storage condition :** Store at -20°C, stable for 6 months after receipt. Please minimize freeze-thaw cycles.  
**Amino Acid :** MNHKVHHHHHHMAELRVLVAVKRVIDYAVKIRVKPDRGTGVVTDGVKHSMPFCEIAVEEAVRLKEKLVKEVI  
AVSCGPAQCQETIRTALAMGADRGIHVEVPPAEERLGPLQVARVLAKLAEKEKVDLVLLGKQAIDDDCNQTG  
QMTAGFLDWPQGTTFASQVTLEGDKLVEREIDGGLETLRLLKLPVVVTADLRLNEPRYATLPNIMKAKKKKIEVIK  
PGDLGVDLTSKLSVISVEDPPQRTAGVKVETTEDLVAKLKEIGRI

### Application Note

**Endotoxin :** Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test.