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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 : MNHKVHHHHHHMAELRVLVAVKRVIDYAVKIRVKPDRTGVVTDGVKHSMNPFCEIAVEEAVRLKEKKLVKEVI AVSCGPAQCQETIRTALAMGADRGIHVEVPPAEAERLGPLQVARVLAKLAEKEKVDLVLLGKQAIDDDCNQTG QMTAGFLDWPQGTFASQVTLEGDKLKVEREIDGGLETLRLKLPAVVTADLRLNEPRYATLPNIMKAKKKKIEVIK PGDLGVDLTSKLSVISVEDPPQRTAGVKVETTEDLVAKLKEIGRI

Application Note

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