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ETFB Human

Description:ETFB Human Recombinant fused with a 20 amino acid His tag at N-terminus produced in E.Coli is a single, non-glycosylated, polypeptide chain containing 275 amino acids (1-255a.a.) and having a molecular mass of 30.0kDa. The ETFB is purified by proprietary chromatographic techniques.

Catalog #:PRPS-227

For research use only.

Synonyms: Electron-transfer-flavoprotein beta polypeptide, MADD, beta-ETF.

Source: Escherichia Coli.

Physical Appearance: Sterile Filtered colorless solution.

Amino Acid Sequence:MGSSHHHHHH SSGLVPRGSH MAELRVLVAV KRVIDYAVKI RVKPDRTGVV TDGVKHSMNP FCEIAVEEAV RLKEKKLVKE VIAVSCGPAQ CQETIRTALA MGADRGIHVE VPPAEAERLG PLQVARVLAK LAEKEKVDLV LLGKQAIDDD CNQTGQMTAG FLDWPQGTFA SQVTLEGDKLKVEREIDGGL ETLRLKLPAV VTADLRLNEP RYATLPNIMK AKKKKIEVIK PGD

Purity: Greater than 90.0% as determined by SDS-PAGE.

Formulation:
The ETFB solution (0.25mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 40% glycerol and 0.1M NaCl.

Stability:
ETFB should be stored desiccated below -18°C. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Please prevent freeze-thaw cycles.

Usage:
NeoBiolab's products are furnished for LABORATORY RESEARCH USE ONLY. The product may not be used as drμgs, agricultural or pesticidal products, food additives or household chemicals.

Introduction:
ETF is a heterodimer composed of alpha and beta subunit. ETFB protein is electron-transfer-flavoprotein, beta polypeptide that transports electrons between primary flavoprotein dehydrogenases involved in mitochondrial fatty acid and amino acid catabolism and the membrane-bound electron transfer flavoprotein ubiquinone oxidoreductase.

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