

## Electron-Transfer-Flavoprotein Beta Polypeptide Human Recombinant

<b>Item Number</b>	rAP-4275
<b>Synonyms</b>	Electron-transfer-flavoprotein beta polypeptide, MADD, beta-ETF.
<b>Description</b>	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.
<b>Uniprot Accession Number</b>	P38117
<b>Amino Acid Sequence</b>	MGSSHHHHHH SSGLVPRGSH MAELRVLVAV KRVIDYAVKI RVKPDRTGVV TDGVKHSMPN FCEIA- VEEAV RLKEKKLVKE VIAVSCGPAQ CQETIRTALA MGADRGHVE VPPAEAERLG PLQVARVLAK LAEKEKVDLV LLGKQAIDDD CNQTGQMTAG FLDWPQGTFA SQVTLEGDKLKVEREIDGGL ETLRL- KLPVAV VTADLRLNEP RYATLPNIMK AKKKKIEVIK PGDLGVDLTS KLSVISVEDP PQR TAGVKVE TTEDLVAKLK EIGRI.
<b>Source</b>	Escherichia Coli.
<b>Physical Appearance and Stability</b>	Sterile Filtered colorless solution. Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.
<b>Formulation and Purity</b>	The ETFb solution (0.25mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 40% glycerol and 0.1M NaCl. Greater than 90.0% as determined by SDS-PAGE.
<b>Application</b>	
<b>Solubility</b>	
<b>Biological Activity</b>	
<b>Shipping Format and Condition</b>	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**