

Ferredoxin-1 Human Recombinant

Item Number	rAP-4435
Synonyms	Adrenodoxin mitochondrial, Adrenal ferredoxin, Ferredoxin-1, Hepatoredoxin, FDX1, ADX.
Description	FDX1 Human Recombinant fused with a 15 amino acid T7 tag at N-terminus produced in E.Coli is a single, non-glycosylated, polypeptide chain containing 139 amino acids (61-184 a.a.) and having a molecular mass of 15.0kDa. The FDX1 is purified by proprietary chromatographic techniques.
Uniprot Accession Number	P10109
Amino Acid Sequence	MASMTGGQQM GRGSMSSSED KITVHFNRD GETLTTKGKV GDSLLDVVVE NNLDIDGFGA CEGTLAC-STC HLIFEDHIYE KLDAITDEEN DMLDLAYGLT DRSRLGCQIC LTKSMDNMTV RVPETVADAR QSIDVGKTS.
Source	Escherichia Coli.
Physical Appearance and Stability	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.
Formulation and Purity	The FDX1 solution contains 20mM Tris-HCl buffer (pH8.0) and 10% Glycerol. Greater than 90.0% as determined by SDS-PAGE.
Application	
Solubility	
Biological Activity	
Shipping Format and Condition	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**