

Frataxin Human Recombinant

Item Number	rAP-4449
Synonyms	FXN, Friedreich ataxia protein, Frataxin mitochondrial, FRDA, X25, FA, CyaY, FARR, MGC57199, Frataxin.
Description	Frataxin Human Recombinant produced in E.Coli is a single, non-glycosylated, polypeptide chain containing 190 amino acids (42-210 a.a.) and having a molecular mass of 21.1 kDa. The Frataxin is fused to a 20 amino acid His Tag at N-terminus and purified by proprietary chromatographic
Uniprot Accession Number	Q16595
Amino Acid Sequence	MGSSHHHHHH SSGLVPRGSH MLRTDIDATC TPRRASSNQR GLNQUIWNVKK QSVYLMNLRK SGTLGHPGSL DETTYERLAE ETLDSLAEFF EDLADKPYTF EDYDVSGSG VLTVKLGDDL GTYVINKQTP NKQIWLSSPS SGPKRYDWTG KNWVYSHDGV SLHELLAAEL TKALKTKLDL SSLAYSGKDA.
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 Frataxin solution contains 20mM Tris-HCl buffer (pH 8.0), 1mM DTT and 10% glycerol. Greater than 95.0% 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**