Recombinant Full Length Human FXN Protein, GST-tagged

Cat. No. FXN-5271HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human FXN full-length ORF (AAH48097.1, 1 a.a. - 210 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	210 amino acids
Description	This nuclear gene encodes a mitochondrial protein which belongs to FRATAXIN family. The protein functions in regulating mitochondrial iron transport and respiration. The expansion of intronic trinucleotide repeat GAA results in Friedreich ataxia. Alternative splicing results in multiple transcript variants. [provided by RefSeq
Molecular Mass	49.5 kDa
AA Sequence	MWTLGRRAVAGLLASPSPAQAQTLTRVPRPAELAPLCGRRGLRTDIDATCTPRRAS SNQRGLNQIWNVKKQSVYLMNLRKSGTLGHPGSLDETTYERLAEETLDSLAEFFED LADKPYTFEDYDVSFGSGVLTVKLGGDLGTYVINKQTPNKQIWLSSPSSGPKRYDW TGKNWVYSHDGVSLHELLAAELTKALKTKLDLSSLAYSGKDA
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array

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Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name	FXN frataxin [Homo sapiens]
Official Symbol	FXN
Synonyms	FXN; frataxin; FRDA, Friedreich ataxia; frataxin, mitochondrial; CyaY; FA; FARR; X25; Friedreich ataxia protein; FRDA; MGC57199;
Gene ID	2395
mRNA Refseq	NM_000144
Protein Refseq	NP_000135
MIM	606829
UniProt ID	Q16595

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