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Datasheet for ABIN7505616

Frataxin Protein (FXN) (AA 42-210) (His tag)

Overview

Quantity:	100 µg
Target:	Frataxin (FXN)
Protein Characteristics:	AA 42-210
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This Frataxin protein is labelled with His tag.

Product Details

Sequence:	Leu42-Ala210
Characteristics:	A DNA sequence encoding the Human FXN protein (Q16595) (Leu42-Ala210) was expressed with a C-His.
Purity:	>95 % as determined by reducing SDS-PAGE.

Target Details

Target:	Frataxin (FXN)
Alternative Name:	Frataxin (FXN Products)
Background:	Background: Frataxin intermediate form can cleave by mitochondrial processing peptidase(MPP) to the mature frataxin. Frataxin is a nuclear-encoded mitochondrial protein highly conserved in prokaryotes and eukaryotes. Its deficiency was initially described as the phen

Target Details

	Synonym: Frataxin, mitochondrial, Friedreich ataxia protein, FXN, FRDA, X25,Frataxin intermediate form
Molecular Weight:	18.48 kDa
UniProt:	Q16595
Pathways:	Transition Metal Ion Homeostasis , Regulation of Cell Size

Application Details

Restrictions:	For Research Use only
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Handling

Format:	Lyophilized
Buffer:	Lyophilized from sterile PBS, pH 7.4.
Storage:	4 °C,-20 °C,-80 °C
Storage Comment:	Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.
Expiry Date:	12 months