

Datasheet for ABIN667758

Frataxin Protein (FXN) (AA 42-210) (His tag)[Go to Product page](#)**1** Image

Overview

Quantity:	100 µg
Target:	Frataxin (FXN)
Protein Characteristics:	AA 42-210
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This Frataxin protein is labelled with His tag.
Application:	SDS-PAGE (SDS)

Product Details

Characteristics:	Frataxin, 42-210aa, Human, His tag, E.coli
Purity:	> 95 % by SDS-PAGE

Target Details

Target:	Frataxin (FXN)
Alternative Name:	Frataxin (FXN Products)
Background:	Frataxin, also known as FXN, is an iron binding protein which belongs to FRATAXIN family. It is an anti-apoptotic protein which prevents mitochondrial damage, reactive oxygen species production and act as either an iron chaperone or an iron storage protein. Frataxin is localized to the mitochondrion and regulating mitochondrial iron transport and respiration. Defects in this protein cause Friedreich ataxia. Recombinant Frataxin protein was expressed in E.coli and

Target Details

purified by using conventional chromatography techniques. Synonyms: CyaY, FA, FARR, FRDA, X25, FXN, Friedreich ataxia protein. NCBI no.: NP_000135

Molecular Weight: 21.1 kDa (190aa), confirmed by MALDI-TOF.

Pathways: [Transition Metal Ion Homeostasis, Regulation of Cell Size](#)

Application Details

Restrictions: For Research Use only

Handling

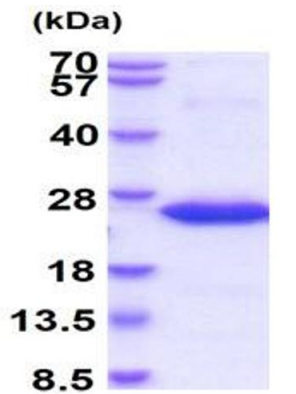
Format: Liquid

Concentration: 1 mg/ml (determined by Bradford assay)

Buffer: Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 10% glycerol, 1mM DTT, 0.1 M NaCl.

Storage: 4 °C

Images



15% SDS-PAGE (3ug)

SDS-PAGE

Image 1.