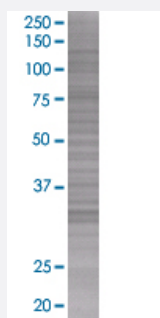


FXN 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # H00002395-T01

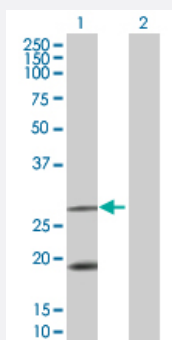
Size 100 uL

Applications



SDS-PAGE Gel

FXN transfected lysate



Western Blot

Lane 1: FXN transfected lysate (23.1 KDa).

Lane 2: Non-transfected lysate.

Specification

Transfected Cell Line 293T

Plasmid pCMV-FXN full-length

Host Human

Theoretical MW (kDa) 23.1

Quality Control Testing Transient overexpression cell lysate was tested with Anti-FXN antibody ([H00002395-B01](#)) by Western Blots.
 SDS-PAGE Gel
 FXN transfected lysate
 Western Blot
 Lane 1: FXN transfected lysate (23.1 KDa).
 Lane 2: Non-transfected lysate.

Storage Buffer

1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)

Storage Instruction

Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot

Gene Info — FXN

Entrez GeneID[2395](#)**GeneBank Accession#**[NM_000144](#)**Protein Accession#**[NP_000135](#)**Gene Name**

FXN

Gene Alias

CyaY, FA, FARR, FRDA, MGC57199, X25

Gene Description

frataxin

Omim ID[229300 606829](#)**Gene Ontology**[Hyperlink](#)**Gene Summary**

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]

Other Designations

OTTHUMP00000021428

Disease

- [Cardiomegaly](#)
- [Cardiomyopathies](#)
- [Cardiovascular Diseases](#)
- [Cerebellar Ataxia](#)

- [Chronic Disease](#)
- [Diabetes Mellitus](#)
- [Disease Progression](#)
- [Edema](#)
- [Fragile X syndrome](#)
- [Friedreich Ataxia](#)
- [Genetic Predisposition to Disease](#)
- [Glucose Intolerance](#)
- [Interview](#)
- [Muscular Atrophy](#)
- [Myocardial Infarction](#)
- [Myotonic dystrophy](#)
- [Prostatic Neoplasms](#)
- [Schizophrenia](#)
- [Scoliosis](#)
- [Spinal muscular atrophy](#)