

Product Information

MemDX™ Membrane Protein Human SFXN4 (Sideroflexin 4) Full Length

Cat. No.: **MPC1734K**

This product is for research use only and is not intended for diagnostic use.

This product is a 37.9 kDa Human SFXN4 membrane protein expressed in HEK293. The protein is for research use only and is not approved for use in humans or in clinical diagnosis.

Product Specifications

Host Species

Human

Target Protein

SFXN4

Protein Length

Full length

Protein Class

Transporter

Molecular Weight

37.9 kDa

TMD

5

Sequence

MSLEQEEETQPGRLLGRRDAVPAFIEPNVRFWITERQSFIRRFLQWTELL
DPTNVFISVESIENSRLCTNEDVSSPASADQRIQEA WKRS LATVHPDS
SNLIPKLF RPA AFLP FM APTVFLSMTPLKG IKS VILPQVFLCAYMAAFNS
INGNRSYTCKPLERSLLMAGAVASSTFLGVIPQFVQM KYGLTGPWIKRLL
PVIFLVQASGMNVYMSRSLESIKGI AVMDKEGNVLGHSRIAGTKAVRETL
ASRIVLFGTSAL IPEVFTYFFKRTQYFRKNPGSLWILKLSCTVLAMGLMV
PFSFSIFPQIGQIQYCSLEEKIQSPTEETEIFYHRGV

Product Description

Expression Systems

HEK293

Tag

Based on specific requirements

Protein Format

Detergent or based on specific requirements

Form

Liquid

Storage

Aliquot and store at -20°C or lower. For long term storage, we recommend to store at -70°C or lower. Avoid freeze/thaw cycles.

Target**Target Protein**

SFXN4

Full Name

Sideroflexin 4

Introduction

This gene encodes a member of the sideroflexin family. The encoded protein is a transmembrane protein of the inner mitochondrial membrane, and is required for mitochondrial respiratory homeostasis and erythropoiesis. Mutations in this gene are associated with mitochondriopathy and macrocytic anemia. Alternatively spliced transcript variants have been found in this gene.

Alternative Names

SFXN4; BCRM1; COXPD18; SLC56A4; sideroflexin-4; breast cancer resistance marker 1; Sideroflexin 4

Gene ID

[119559](#)

UniProt ID

[Q6P4A7](#)