

Product Information

MemDX™ Membrane Protein Human SLC25A42 (Solute carrier family 25 member 42) Full Length

Cat. No.: **MPC1831K**

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

This product is a 35.4 kDa Human SLC25A42 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

SLC25A42

Protein Length

Full length

Protein Class

Transporter

Molecular Weight

35.4 kDa

TMD

6

Sequence

MGNGVKEGPVRLHEDAEAVLSSSVSSKRDHRQVLSSLLSGALAGALAKTA
VAPLDRTKIIFQVSSKRFSAKEAFRVLYYTYLNEGFLSLWRGNSATMVRV
VPYAAIQFSAHEEYKRILGSYYGFRGEALPPWPRLFAGALAGTTAASLT
PLDLVRARMAVTPKEMYSNIFHVFIRISREEGLKTLYHGFMPTVLGVIPY
AGLSFFTYETLKS LHREYSGRRQYPFERMIFGACAGLIGQSASYPLDVV
RRRMQTAGVTGYPRASIARTLRTIVREEGAVRGLYKGLSMNWVKGP
IAVGISFTTFDLMQILLRHLQS

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 -72°C or lower. Avoid freeze/thaw cycles.

Target**Target Protein**

SLC25A42

Full Name

Solute carrier family 25 member 42

Introduction

This gene encodes a solute carrier family 25 protein. Solute carrier family 25 proteins are localized to mitochondria and play critical roles in the transport of molecules across the inner mitochondrial membrane. The encoded protein is a mitochondrial transporter for coenzyme A (CoA) and adenosine 3',5'-diphosphate.

Alternative Names

SLC25A42; MECREN; mitochondrial coenzyme A transporter SLC25A42; Solute carrier family 25 member 42

Gene ID

[284439](#)

UniProt ID

[Q86VD7](#)