

Product Information

MemDX™ Membrane Protein Human SLC25A47 (Solute carrier family 25 member 47) Full Length

Cat. No.: **MPC1973K**

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

This product is a 33.4 kDa Human SLC25A47 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

SLC25A47

Protein Length

Full length

Protein Class

Transporter

Molecular Weight

33.4 kDa

TMD

6

Sequence

MDFVAGAIGGVCGVAVGYPLDTVKVRIQTEPKYTGIVHCVRDYHRERVW
GFYRGLSLPVCTVSLVSSVSFGTYRHCLAHCRLRYGNPDAKPTKADITL
SGCASGLVRVFLTSPTEVAKVRLQTQTQAQKQRRLSASGPLAVPPMCPV
PPACPEPKYRGPLHCLATVAREEGLCGLYKGSSALVLRDGHSFATYFLSY
AVLCEWLSPAGHSRPDVPGLVAGGCAGVLAWAVATPMDVIKSRLQADGQ
GQRRYRGLLHCMVTSVREEGPRVLFKGLVLNCCRAFPVNMVVFVAYEAVL
RLARGLLT

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**

SLC25A47

Full Name

Solute carrier family 25 member 47

Introduction

This gene encodes a member of a large family of mitochondrial transporters. The nuclear-encoded carrier protein is embedded in the inner mitochondrial membrane. This member of the family is thought to be an uncoupling protein that uncouples mitochondrial respiration from ATP synthesis by dissipating the transmembrane proton gradient. Alternative splicing results in multiple transcript variants.

Alternative Names

SLC25A47; HDCMP; HDMCP; C14orf68; HMFN1655; HCC-down-regulated mitochondrial carrier protein; hepatocellular carcinoma down-regulated mitochondrial carrier protein; hepatocellular carcinoma-downregulated mitochondrial carrier protein; Solute carrier family 25 member 47

Gene ID

[283600](#)

UniProt ID

[Q6Q0C1](#)