

Product Information

MemDX™ Membrane Protein Human SLC25A22 (Solute carrier family 25 member 22)

Expressed *in vitro* *E.coli* expression system, Full Length

Cat. No.: **MPX2720K**

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

This product is a Human SLC25A22 membrane protein expressed *in vitro* *E.coli* expression system. 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

SLC25A22

Protein Length

Full Length

Protein Class

Transport

TMD

6

Sequence

MADKQISLPKINGGIAGLIGVTCVFPIDLAKTRLQNGQNGQVRVYTSMSDCLIKTVRSEGYFGMYRGAAVNLTLVTPEKAIKLAAND

Product Description

Expression Systems

in vitro *E.coli* expression system

Tag

10xHis tag at the N-terminus

Protein Format

Soluble

Form

Liquid or Lyophilized powder

Buffer

Tris/PBS-based buffer, 6% Trehalose, pH 8.0

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

SLC25A22

Full Name

Solute carrier family 25 member 22

Introduction

This gene encodes a mitochondrial glutamate carrier. Mutations in this gene are associated with early infantile epileptic encephalopathy. Multiple alternatively spliced variants, encoding the same protein, have been identified.

Alternative Names

SLC25A22; GC1; DEE3; GC-1; EIEE3; NET44; mitochondrial glutamate carrier 1; glutamate/H(+) symporter 1; solute carrier family 25 (mitochondrial carrier: glutamate), member 22; Solute carrier family 25 member 22

Gene ID

[79751](#)

UniProt ID

[Q9H936](#)