

Product Information

MemDX™ Membrane Protein Human SLC27A4 (Solute carrier family 27 member 4)

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

Cat. No.: **MPX1972K**

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

This product is a Human SLC27A4 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

SLC27A4

Protein Length

Full Length

Protein Class

Transport

TMD

2

Sequence

MLLGASLVGVLLFSKLVLKLPWTQVGFSLLFLYLGSGGWRFIRVFIKTIIRRDIFGGLVLLKVAKVRQCLQERRRTVPIFASTVRRHPD

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

SLC27A4

Full Name

Solute carrier family 27 member 4

Introduction

This gene encodes a member of a family of fatty acid transport proteins, which are involved in translocation of long-chain fatty acids cross the plasma membrane. This protein is expressed at high levels on the apical side of mature enterocytes in the small intestine, and appears to be the principal fatty acid transporter in enterocytes. Clinical studies suggest this gene as a candidate gene for the insulin resistance syndrome. Mutations in this gene have been associated with ichthyosis prematurity syndrome.

Alternative Names

SLC27A4; IPS; FATP4; ACSVL4; long-chain fatty acid transport protein 4; arachidonate--CoA ligase; long-chain-fatty-acid--CoA ligase; solute carrier family 27 (fatty acid transporter), member 4; very long-chain acyl-CoA synthetase 4; Solute carrier family 27 member 4

Gene ID

[10999](#)

UniProt ID

[Q6P1M0](#)