

Product Information

MemDX™ Membrane Protein Human SLC43A2 (Solute carrier family 43 member 2) Full

Length

Cat. No.: **MPC1077K**

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

This product is a 62.7 kDa Human SLC43A2 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

SLC43A2

Protein Length

Full length

Protein Class

Transporter

Molecular Weight

62.7 kDa

TMD

12

Sequence

MAPTLATAHRRRWWMACTAVLENLLFSAVLLGWGSLIMLKSEGFYSYLC
TEPENVNTNGTVGGTAEPGHEEVSWMNGWLSCQAQDEMLNLAFTVGSFLLS
AITLPLGIVMDKYGPRKLRLLGSACFAVSCLLIAYGASKPNALSVLIFIA
LALNGFGGMCMTFTSLTLPNMFGDLRSTFIALMIGSYASSAVTFPGIKLI
YDAGVSFIVVLVWAGCSGLVFLNCFNWPLEPFGPEDMDYSVKIKFSW
LGFDHKITGKQFYKQVTTVGRRLSVGSSMRSKEQVALQEGHKLCLSTVD
LEVKCPDAAVAPSMHVSFSPILLLSLVTMCVTQLRLIFYMGAMNNILK
FLVSGDQKTVGLYTSIFGVLQLLCLLTAPVIGYIMDWRLKECEDASEEPE
EKDANQGEKKKKRDRQIQKITNAMRAFAFTNLLLVGFGVTCLIPNLPLQ
ILSFILHTIVRGFIHSAVGGLYAAVYPSTQFGSLTGLQSLISALFALLQQ
PLFLAMMGPLQGDPLWVNVGLLLSLGFCPLPLYLICYRRQLERQLQQRQ
EDDKLFLKINGSSNQEAFV

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

SLC43A2

Full Name

Solute carrier family 43 member 2

Introduction

This gene encodes a member of the L-amino acid transporter-3 or SLC43 family of transporters. The encoded protein mediates sodium-, chloride-, and pH-independent transport of L-isomers of neutral amino acids, including leucine, phenylalanine, valine and methionine. This protein may contribute to the transfer of amino acids across the placental membrane to the fetus.

Alternative Names

SLC43A2; LAT4; large neutral amino acids transporter small subunit 4; L-type amino acid transporter 4; solute carrier family 43 (amino acid system L transporter), member 2; PP7664; Solute carrier family 43 member 2

Gene ID

[124935](#)

UniProt ID

[Q8N370](#)