

Product Information

MemDX™ Membrane Protein Human SLC43A1 (Solute carrier family 43 member 1) Full

Length

Cat. No.: **MPC1076K**

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

This product is a 61.4 kDa Human SLC43A1 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

SLC43A1

Protein Length

Full length

Protein Class

Transporter

Molecular Weight

61.4 kDa

TMD

12

Sequence

MAPTLQQAYRRRWWMACTAVLENLFFSAVLLGWGSLLIILKNEGFYSSTC
PAESSTNTTQDEQRRWPGCDQQDEMLNLGFTIGSFVLSATTLPILGILMDR
FGPRPVRLVGSACFTASCTLMALASRDVEALSPLIFLALSLNGFGGICLT
FTSLTLPNMFGNLRSTLMALMIGSYASSAITFPGIKLIYDAGVAFVIMF
TWGLACLIFLNCTLNWPIEAFPAPEEVNYTKKIKLSGLALDHKVTGDLF
YTHVTTMGQRLSQKAPSLEDGSDAFMSPQDVRGTSENPERSVPLRKSCLC
SPTFLWSLLTMGMTQLRIIFYMAAVNKMLEYLVTGGQEHETNEQQQKVAE
TVGFYSSVFGAMQLLCLLTCPLIGYIMDWRIKDCVDAPTQGTVLGDARDG
VATKSIRPRYCKIQKLTNAISAFTLTNLLLVGFGITCLINNLHLQFVTFV
LHTIVRGFFHSACGSLYAAVFPSNHFGTLTGLQSLISAVFALLQQPLFMA
MVGPLKGEPFWVNLGLLLFSLLGFLPSYLFYYRARLQQEYAANGMGPLK
VLSGSEVTA

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**

SLC43A1

Full Name

Solute carrier family 43 member 1

Introduction

SLC43A1 belongs to the system L family of plasma membrane carrier proteins that transports large neutral amino acids.

Alternative Names

SLC43A1; LAT3; PB39; POV1; R00504; large neutral amino acids transporter small subunit 3; L-type amino acid transporter 3; prostate cancer overexpressed gene 1 protein; solute carrier family 43 (amino acid system L transporter), member 1; Solute carrier family 43 member 1

Gene ID

[8501](#)

UniProt ID

[O75387](#)