

Product Information

MemDX™ Membrane Protein Human SLC23A2 (Solute carrier family 23 member 2) Full

Length

Cat. No.: **MPC0784K**

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

This product is a 70.3 kDa Human SLC23A2 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

SLC23A2

Protein Length

Full length

Protein Class

Transporter

Molecular Weight

70.3 kDa

TMD

13

Sequence

MMGIGKNTTSKSMEAGSSTEGKYEDEAKHPAFFTLPPVINGGATSSGEQD
NEDTELMAIYTTENGIAEKSSLAETLDSTGSLDPQRSDMIYTIEDVPPWY
LCIFLGLQHLYTCFSGTIAVPFLLADAMCVGYDQWATSQLIGTIFFCVGI
TTLLQTTFGCRLPLFQASAFAPARAILSLDKWKCNTTDVSVANGTAE
LLHTEHIWYPRIREIQGAIIMSSLIEVVIGLLGLPGALLKYIGPLTITPT
VALIGLSGFQAAGERAGKHWGIAMLTIFLVLLFSQYARNVKFPLPIYKSK
KGWTAYKLQLFKMFPIILAILVSWLLCFIFTVTDVFPPDSTKYGFYARTD
ARQGVLLVAPWFKVPYPFQWGLPTVSAAGVIGMLSAVVASIIESIGDYA
CARLSCAPPPPIHAINRGIFVEGLSCVLDGIFGTGNGSTSSSPNIGVLGI
TKVGSRRVIQCGAALMLALGMIGKFSALFASLPDPVLGALFCTLFGMITA
VGLSNLQFIDLNSSRNLFVLGFSIFFGLVLPSTLRQNPLVTGITGIDQVL
NVLLTTAMFVGGCVAFILDNTIPGTPEERGIRKWKKGVGKGNKSLDGMES
YNLPFGMNIKKYRCFSYLPISPTFVGTYWKGLRKSDNSRSDSDSQATG

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

SLC23A2

Full Name

Solute carrier family 23 member 2

Introduction

The absorption of vitamin C into the body and its distribution to organs requires two sodium-dependent vitamin C transporters. This gene encodes one of the two required transporters and the encoded protein accounts for tissue-specific uptake of vitamin C. Previously, this gene had an official symbol of SLC23A1.

Alternative Names

NBTL1; SVCT2; YSPL2; SLC23A1; solute carrier family 23 member 2; Na(+)/L-ascorbic acid transporter 2; nucleobase transporter-like 1 protein; sodium-dependent vitamin C transporter-2; solute carrier family 23 (ascorbic acid transporter), member 2; solute carrier family 23 (nucleobase transporters), member 1; solute carrier family 23 (nucleobase transporters), member 2; testicular secretory protein Li 48; yolk sac permease-like molecule 2; SLC23A2; Solute carrier family 23 member 2

Gene ID

[9962](#)

UniProt ID

[Q9UGH3](#)