

Product Information

MemDX™ Membrane Protein Human SLC5A11 (Solute carrier family 5 member 11) Full

Length

Cat. No.: **MPC0890K**

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

This product is a 74 kDa Human SLC5A11 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

SLC5A11

Protein Length

Full length

Protein Class

Transporter

Molecular Weight

74 kDa

TMD

14

Sequence

MESGTSSPQPPQLDPLDAFPQKGLEPGDIAVLVLYFLFVLAVGLWSTVKT
KRDTVKGYFLAGGDMVWWPVGASLFASNVGSGHFGLAGSGAATGISVSA
YELNGLFSVLMWLAWIFLPIYIAGQVTTMPEYLRKRFGGIRIPIILAVLYL
FIYIFTKISVDMYAGAIFIQQSLHLDLYLAIVGLLAITAVYTVAGGLAAV
IYTDALQTLIMLIGALTLMGYSFAAVGGMEGLKEKYFLALASNRSENSSC
GLPREDAFHIFRDPLTSDLPWPGVLFGMSIPSLWYWCTDQVIVQRTLAAK
NLSHAKGGALMAAYLKVLPLFIMVFPGMVSRILFPDQVACADPEICQKIC
SNPSGCSDIAYPKLVLELLPTGLRGLMMAVMVAALMSSLTSIFNSASTIF
TMDLWNHLRPRASEKELMIVGRVFVLLLVLVSILWIPVVQASQGGQLFIY
IQSISSYLQPPVAVVFIMGCFWKRTNEKGAFWGLISGLLLGLVRLVLDI
YVQPRCDQPDERPVLVKSIIHYLYFSMILSTVTLITVSTVSWFTEPPSKEM
VSHLTWFTRHDPVVQKEQAPPAAPLSLTLSQNGMPEASSSSSVQFEMVQE
NTSKTHSCDMTPKQSKVVKAILWLCGIQEKGEELPARAEAIIVSLEENP
LVKTLLDVNLIFCVSCAIFIWGYFA

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

SLC5A11

Full Name

Solute carrier family 5 member 11

Introduction

Cotransporters, such as SLC5A11, represent a major class of proteins that make use of ion gradients to drive active transport for the cellular accumulation of nutrients, neurotransmitters, osmolytes, and ions Roll et al.

Alternative Names

KST1; RKST1; SGLT6; SMIT2; sodium/myo-inositol cotransporter 2; Na(+)/myo-inositol cotransporter 2; homolog of rabbit KST1; putative sodium-coupled cotransporter RKST1; sodium-dependent glucose cotransporter; sodium/glucose cotransporter KST1; sodium/myo-inositol transporter 2; solute carrier family 5 (sodium/glucose cotransporter), member 11; solute carrier family 5 (sodium/inositol cotransporter), member 11; SLC5A11; Solute carrier family 5 member 11

Gene ID

[115584](#)

UniProt ID

[Q8WWX8](#)