

Product Information

MemDX™ Membrane Protein Human SLC7A3 (Solute carrier family 7 member 3) Full Length

Cat. No.: **MPC0909K**

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

This product is a 67.1 kDa Human SLC7A3 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

SLC7A3

Protein Length

Full length

Protein Class

Transporter

Molecular Weight

67.1 kDa

TMD

14

Sequence

MPWQAFRRFGQKLVRRTLESGMAETRLARCLSTLDLVALGVGSTLGAGV
YVLAGEVAKDKAGPSIVICFLVAALSSVLAGLCYAEFGARVPRSGSAYLY
SYVTVGELWAFTTGWNLILSYVIGTASVARAWSSAFDNLIGNHISKTLQG
SIALHVPVLAEYPPDFALGLVLLLTGLLALGASESALVTKVFTGVNLLV
LGFVMISGFVKGDVHNWKLTEEDYELAMAEELNDTYSGLPLGSGGFVPFGF
EGILRGAATCFYAFVGFDCIATTGEEAQNPQRSIPMGIVISLSVCFLAYF
AVSSALTLMPYYQLQPESPLPEAFLYIGWAPARYVAVGSLCALSTSL
GSMFPMPRVIYAMAEDGLLFRVLARIHTGTRTPPIATVSGIIAFAFL
FKLTDLVDLMSIGTLLAYSLVSICVLILRYQPDQETKTGEEVELQEEAIT
TESEKLTWGLFFPLNSIPTPLSGQIVYVCSSLLAVLLTALCLVLAQWSV
PLLSGDLLWTAVVVLLLLLIIGIIVVIWRQPQSSTPLHFKVPALPLPLM
SIFVNIYLMQMKTAGTWARFGVWMLIGFAIYFGYGIQHSLEEIKSNQPSR
KSRAKTVDLDPGTLYVHSV

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**

SLC7A3

Full Name

Solute carrier family 7 member 3

Introduction

This gene encodes a member of the solute carrier family 7. The encoded protein is a sodium-independent cationic amino acid transporter. Alternate splicing results in multiple transcripts that encoded the same protein.

Alternative Names

CAT3; ATRC3; CAT-3; cationic amino acid transporter 3; solute carrier family 7 (cationic amino acid transporter, y+ system), member 3; SLC7A3; Solute carrier family 7 member 3

Gene ID

[84889](#)

UniProt ID

[Q8WY07](#)