

Product Information

MemDX™ Membrane Protein Human SLC7A5 (Solute carrier family 7 member 5) Full Length

Cat. No.: **MPC0910K**

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

This product is a 55 kDa Human SLC7A5 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

SLC7A5

Protein Length

Full length

Protein Class

Transporter

Molecular Weight

55 kDa

TMD

12

Sequence

MAGAGPKRRALAAPAAEEKEEAREKMLAAKSADGSAPAGEGEGVTLQRNI
TLLNGVAIIIVGTIIGSGIFVTPTGVLKEAGSPGLALVWAAACGVFSIVGA
LCYAEELGTTISKSGGDYAYMLEVYGSLPAFLKLWIELLIIRPSSQYIVAL
VFATYLLKPLFPTCPVPEEAAKLVAACLCVLLLTAVNCYSVKAATRVQDAF
AAAKLLALALIILLGFVQIGKGDVSNLDPNFSFEGTKLDVGNIVLALYSG
LFAYGGWNYLNFVTEEMINPYRNLPLAIIISLPVTLVYVLTNLAYFTTL
STEQMLSSEAVAVDFGNYHLGVMWIIPVFVGLSCFGSVNGSLFTSSRLF
FVGSREGHLPSILSMIHPQLLTPVPSLVFTCVMTLLYAFSKDIFSVINFF
SFFNWLCLVALAIIGMIWLRHRKPELERPIKVNALPVPFFILACLFLIAVS
FWKTPVECGIGFTIISGLPVYFFGVWWKNKPKWLLQGIFSTTVLCQKLM
QVVPQET

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**

SLC7A5

Full Name

Solute carrier family 7 member 5

Alternative Names

E16; CD98; LAT1; 4F2LC; MPE16; D16S469E; large neutral amino acids transporter small subunit 1; 4F2 light chain; CD98 light chain; L-type amino acid transporter 1; integral membrane protein E16; sodium-independent neutral amino acid transporter LAT1; solute carrier family 7 (amino acid transporter light chain, L system), member 5; solute carrier family 7 (cationic amino acid transporter, y+ system), member 5; SLC7A5; Solute carrier family 7 member 5

Gene ID

[8140](#)

UniProt ID

[Q01650](#)