

Product Information

MemDX™ Membrane Protein Human SLC7A4 (Solute carrier family 7 member 4) for Antibody Discovery

Cat. No.: **MP1018J**

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

This product is a 68.1 kDa Human SLC7A4 membrane protein expressed in HEK293T. 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

SLC7A4

Protein Length

Full-length

Protein Class

Druggable Genome, Transmembrane

Molecular Weight

68.1 kDa

TMD

13

Sequence

MARGLPTIASLARLCQKLNRLKPLEDSTMETSLRRCLSTDLTLLGVGGMVGSGLYVLTGAVAKEVAGPA
VLLSFGVAASVSLAALCYAEFGARVPRTGSAYLFTYVSMGELWAFLLGWNVLLLEYIIGGAAVARAWSGY
LDSMFHSIRNFTETHVGSWQVPLLGHYPDFLAAGIILLASAFVSCGARVSSWLNHTFSAISLLVILFIV
ILGFILAQPHNWSADEGGFAPFGFSGVMAGTASCFYAFVGFDVIAASSEEQNPRRSVPLAIAISLAIAA
GAYILVSTVLTLMVPWHSALDPDSALADAFYQGRYRWAGFIVAAGSICAMNTVLLSLLFSLPRIVYAMAAD
GLFFQVFAHVHPRTQVPVAGTLAFGLLTAFLALLLDLESLVQFLSLGTLLAYTFVATSIIVLRQKSSPP
SSPGPASPGLTKQQSSFSDDLQVLGTVHASVPEPGELKPALRPYLGFLDGYSPPGAVVTWALGVMLASAI
TIGCVLVFGNSTLHLPHWGYILLLLTSVMFLLSLLVLGAHQQQYREDLFQIPMVPLIPALSIVLNICLM
LKLSYLTWVRFSIWLLMGLAVYFGYGRHSKENQRELPLNSTHYVVFPRGSLEETVQAMQPPSQAPAQD
PGHME

Product Description

Expression Systems

HEK293T

Tag

C-Myc/DDK

Form

Liquid

Purification

Anti-DDK affinity column followed by conventional chromatography steps

Purity

> 80% as determined by SDS-PAGE and Coomassie blue staining

Buffer

25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol

Storage

Store at +4°C for up to one week or several months at -80°C

Target**Target Protein**

SLC7A4

Full Name

Solute carrier family 7 member 4

Introduction

Involved in the transport of the cationic amino acids (arginine, lysine and ornithine).

Alternative Names

VH; CAT4; CAT-4; HCAT3

Gene ID

[6545](#)

UniProt ID

[O43246](#)