

Product Information

MemDX™ Membrane Protein Human SLC7A1 (Solute carrier family 7 member 1) for

Antibody Discovery

Cat. No.: **MP1008J**

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

This product is a 67.5 kDa Human SLC7A1 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

SLC7A1

Protein Length

Full-length

Protein Class

Druggable Genome, Transmembrane

Molecular Weight

67.5 kDa

TMD

14

Sequence

MGCKVLLNIGQQMLRRKVVDCSREETRLSRCLNTFDLVALGVGSTLGAGVYVLAGAVARENAGPAIVISF
LIAALASVLAGLCYGEFGARVPKTGSAYLYSYVTVGELWAFITGWNILLSYIIGTSSVARAWSATFDELI
GRPIGEFSRTHMTLNAPGVLAENPDIFAVIIILITGLLTGVKESAMVNKIFTCINVLVLGFIMVSGFV
KGSVKNWQLTEEDFGNTSGRLCLNNDTKEGKPGVGGFMPFGFSGVLGAATCFYAFVGFDCIATTGEEVK
NPQKAIPVGIVASLLICFIAYFGVSAALTLMMPYFCLDNNSPLPDAFKHVGWEGAKYAVAVGSLCALSAS
LLGSMFPMPRVIYAMAEDGLLFKFLANVNDRTKTPIIATLASGAVAAVMAFLFDLKDLDLMSIGTLLAY
SLVAACVLVRLRYQPEQPNLVYQMASTDELDPADQNELASTNDSQLGFLPEAEMFSLKTILSPKNMEPSK
ISGLIVNISTSLI AVLITFCIVTVLGREALTKGALWAVFLLAGSALLCAVVTGVIWRQPESKTKLSFKV
PFLPVLPILSIFVNVYLMMLDQGTWVRFAVWMLIGFIIYFGYGLWHSEEASLDADQARTPDGNLDQCK

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**

SLC7A1

Full Name

Solute carrier family 7 member 1

Introduction

The SLC7A1 gene is conserved in chimpanzee, Rhesus monkey, dog, cow, mouse, rat, chicken, zebrafish, fruit fly, A.thaliana, and frog.

Alternative Names

ERR; ATRC1; CAT-1; HCAT1; REC1L

Gene ID

[6541](#)

UniProt ID

[P30825](#)