

Product Information

MemDX™ Membrane Protein Human SLC3A2 (Solute carrier family 3 member 2, transcript variant 3) for Antibody Discovery

Cat. No.: **MP0313J**

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

This product is a 67.8 kDa Human SLC3A2 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

SLC3A2

Protein Length

Full-length

Protein Class

Transmembrane

Molecular Weight

67.8 kDa

TMD

1

Sequence

MELQPPEASIAVVSIPRQLPGSHSEAGVQGLSAGDDSELGSHCVAQTGLELLASGDPLPSASQNAEMIET
GSDCVTQAGLQLLASSDPPALASKNAEVTGTMSQDTEVDMKEVELNELEPEKQPMNAASGAAMSLAGAEEK
NGLVKIKVAEDEAEAAAAAKFTGLSKEELLKVAGSPGWVRTRWALLLLFWLGLGMLAGAVVIVRAPRC
RELPAQKWWHTGALYRIGDLQAFQGHGAGNLAGLKGRLDYLSLKVKGVLGPIHKNQKDDVAQTDLLQI
DPNFGSKEDFDSLLQSAKKKSIRVILDTPNYRGENSEWFSTQVDTVATKVKDALEFWLQAGVDGFGQVRDI
ENLKDASSFLAEWQNITKGFSEDRLLIAGTNSSDLQQLSLLESNKDLLLTSSYLSDSGSTGEHTKSLVT
QYLNATGNRWCSWSLSQARLLTSFLPAQLRLYLQMLFTLPGTPVFSYGDEIGLDAAALPGQPMEAPVML
WDESSFPDIPGAVSANMTVKGQSEDPGSLLSLFRRLSDQRSKERSLLHGDFHAFSAGPGLFSYIRHWDQN
ERFLVVLNFGDVGLSAGLQASDLPASASLPKADLLLSTQPGREEGSPLELERLKLEPHEGLLLRFPYAA

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**

SLC3A2

Full Name

Solute carrier family 3 member 2

Introduction

This gene is a member of the solute carrier family and encodes a cell surface, transmembrane protein. The protein exists as the heavy chain of a heterodimer, covalently bound through di-sulfide bonds to one of several possible light chains. The encoded transporter plays a role in regulation of intracellular calcium levels and transports L-type amino acids. Alternatively spliced transcript variants, encoding different isoforms, have been characterized.

Alternative Names

4F2; 4F2HC; 4T2HC; CD98; CD98HC; MDU1; NACAE

Gene ID

[6520](#)

UniProt ID

[P08195](#)