

Product Information

MemDX™ Membrane Protein Human SLC32A1 (Solute carrier family 32 member 1) Full

Length

Cat. No.: **MPC1118K**

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

This product is a 57.4 kDa Human SLC32A1 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

SLC32A1

Protein Length

Full length

Protein Class

Transporter

Molecular Weight

57.4 kDa

TMD

10

Sequence

MATLLRSKLSNVATSVSNKSQAKMSGMFARMGFQAATDEEAVGFAHCDDL
DFEHRQQLQMDILKAEGEPCGDEGAEPVEGDIHYQRGSGAPLPPSGSKD
QVGGGGGEFGGHDKPKITAWAEAGWNVNTNAIQGMFVLGLPYAILHGGYLGLF
LIIFAAVVCCYTGKILIACLYEENEDGEVVRVRDSYVAIANACCAPRFPT
LGGRVVNVAQIIELVMTICILYVVVSGNLMYNSFPGLPVVSQKSWSIATAV
LLPCAFLKNLKA VSKFSLCTLAHFVINILVIAYCLSRARDWAWEKVKFY
IDVKKFPISIGIIVFSYTSQIFLPSLEGNMQQPSEFHCMMNWT HIAACVL
KGLFALVAYLTWADETKEVITDNLPGSIRAVVNIFLVAKALLSYPLPFFA
AVEVLEKSLFQEGSRAFFPACYSGDGRLKSWGLTLRCALVVFTLLMAIYV
PHFALLMGLTGSLTGAGLCFLLPSLFHLRLLWRKLLWHQVFFDVAIFVIG
GICSVSGFVHSLEGLIEAYRTNAED

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 -70°C or lower. Avoid freeze/thaw cycles.

Target**Target Protein**

SLC32A1

Full Name

Solute carrier family 32 member 1

Introduction

The protein encoded by this gene is an integral membrane protein involved in gamma-aminobutyric acid (GABA) and glycine uptake into synaptic vesicles. The encoded protein is a member of amino acid/polyamine transporter family II.

Alternative Names

SLC32A1; VGAT; VIAAT; vesicular inhibitory amino acid transporter; GABA and glycine transporter; hVIAAT; solute carrier family 32 (GABA vesicular transporter), member 1; vesicular GABA transporter; Solute carrier family 32 member 1

Gene ID

[140679](#)

UniProt ID

[Q9H598](#)