

Product Information

MemDX™ Membrane Protein Human SLC44A4 (Solute carrier family 44 member 4) for Antibody Discovery

Cat. No.: **MP0361J**

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

This product is a 79.1 kDa Human SLC44A4 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

SLC44A4

Protein Length

Full-length

Protein Class

Transmembrane

Molecular Weight

79.1 kDa

TMD

10

Sequence

MGGKQRDEDEAYGKPVKYDPSFRGPIKNRSCDVICCVLFLFILGYIVVGIVAWLYGDPRQVLYPRNS
TGAYCGMGENKDKPYLLYFNIFSCILSSNIISVAENGLQCPTPQVCVSSCPEDPWTVGKNEFSQTVGEVF
YTKNRNFCLPGVPWNMTVITSLQQELCPSFLLPSAPALGRCFPWTNVTTPALPGITNDTTIQQGISGLID
SLNARDISVKIFEDFAQSWYWLVALGVALVLSLLFILLRLVAGPLVLVLILGVLGVLAYGIYYCWEEY
RVLRDKGASISQLGFTTNLSAYQSVQETWLAALIVLAVLEAILLMLIFLRQRIRIAIALKEASKAVGQ
MMSTMFYPLVTFVLLICIAYWAMTALYLATSGQPQYVLWASNISSPGCEKVPINTSCNPTAHLVNSSCP
GLMCVFQGYSSKGLIQRSVFNLQIYGVLGLFWTLNWWLALGQCVLAGAFASFYWAFHKPQDIPTFPLISA
FIRTLRYHTGSLAFGALILTLVQIARVILEYIDHKLRGVQNPVARCIMCCFKCCLWCLEKFIKFLNRNAY
IMIAIYGKNFCVSAKNAFMLLMRNIVRVVLDKVTDLLLFFGKLLVGGVGVLSSFFFSGRIPGLGKDFK
SPHLNYYWLPIMTSILGAYVIASGFFSVFGMCDVTLFLCFLEDLERNNGSLDRPYYSKSLKILGKKNE
APPDNKKRKK

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**

SLC44A4

Full Name

Solute carrier family 44 member 4

Introduction

The protein encoded by this gene may be a sodium-dependent transmembrane transport protein involved in the uptake of choline by cholinergic neurons. Defects in this gene can cause sialidosis, a lysosomal storage disease. Three transcript variants encoding different isoforms have been found for this gene.

Alternative Names

C6orf29; CTL4; DFNA72; hTPPT1; NG22; TPPT; testicular tissue protein Li 48

Gene ID

[80736](#)

UniProt ID

[Q53GD3](#)