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Product Information

MemDX™ Membrane Protein Human SLC16A12 (Solute carrier family 16 member 12) Full Length

Cat. No.: **MPC0742K**
This product is for research use only and is not intended for diagnostic use.

This product is a 56.4 kDa Human SLC16A12 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
SLC16A12

Protein Length
Full length

Protein Class
Transporter

Molecular Weight
56.4 kDa

TMD
12

Sequence
MPSGSHWTANSSKIITWLLEQPGKEEKRKTMAKVNRARSTSPPDGGWGWM
IVAGCFLVTICTRAVTRCISIFFVEFQTYFTQDYAQTAWIHSIVDCVTML
CAPLGSVVSNHLSCQVGIMLGGLLASTGLILSSFATSLKHLYLTLGVLTG
LGFALCYSPAIAMVGKYFSRRKALAYGIAMSGSGIGTFILAPVVQLLIEQ
FSWRGALLILGGFVLNLCVCGALMRPITLKEDHTTPEQNHVCRTQKEDIK
RVSPYSSLTKEWAQTCLCCCLQQEYSFLLMSDFVVLAVSVLFMAYGCSPL
FVYLVPYALSVGVSHQQAAFLMSILGVIDIIGNITFGWLTDRRCLKNYQY
VCYLFAVGMDGLCYLCLPMLQSLPLLVPFSCTFGYFDGAYVTLIPVVTTE
IVGTTSLSSALGVVYFLHAVPYLVSPPIAGRLVDTTGSYTAAFLLCGFSM
IFSSVLLGFARLIKRMRKTQLQFIAKESDPKLQLWTNGSVAYSVARELDQ
KHGEPVATAVPGYSLT

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

SLC16A12

Full Name

Solute carrier family 16 member 12

Introduction

This gene encodes a transmembrane transporter that likely plays a role in monocarboxylic acid transport. A mutation in this gene has been associated with juvenile cataracts with microcornea and renal glucosuria.

Alternative Names

CJMG; CRT2; MCT12; CTRCT47; monocarboxylate transporter 12; creatine transporter 2; monocarboxylic acid transporter 12; SLC16A12; Solute carrier family 16 member 12

Gene ID

387700

UniProt ID

Q6ZSM3

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