

Product Information

MemDX™ Membrane Protein Human SLC13A5 (Solute carrier family 13 member 5) Full

Length

Cat. No.: **MPC0733K**

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

This product is a 63 kDa Human SLC13A5 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

SLC13A5

Protein Length

Full length

Protein Class

Transporter; Ion channel

Molecular Weight

63 kDa

TMD

12

Sequence

MASALSYVSKFKSFVILFVTPLLLLPLVILMPAKFVRCAYVIILMAIYWC
TEVIPLAVTSLMPVLLFPLFQILDSRQVCVQYMKDTNMLFLGGLIVAVAV
ERWNLHKRIALRTLLWVGAKPARLMLGFMGVTALLSMWISNTATTAMMVP
IVEAILQQMEATSAATEAGLELVDKGKAKELPGSQVIFEGPTLGQQEDQE
RKRLCKAMTLCICYAASIGGTATLTGTGPNVVLLGQMNELFPDSKDLVNF
ASWFAFAFPNMLVMLLFAWLWLQFVYMRFNFKKSWGCGLESKKNEKAALK
VLQEEYRKLGPLSFAEINVLCFFLLVILWFSRDPGFMPGWLTVAWVEGE
TKYVSDATVAIFVATLLFIVPSQKPKFNFRSQTEEEKTPFYPPPLLDWK
VTQEKVPWGIVLLGGGFALAKGSEASGLSVWMGKQMEPLHAVPPAAITL
ILSLLVAVFTECTSNVATTTLFLPIFASMSRSIGLNPLYIMLPCTLSASF
AFMLPVATPPNAIVFTYGHLKVADMVKTGVIMNIIGVFCVFLAVNTWGRA
IFDLDFPDWANVTHIET

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

SLC13A5

Full Name

Solute carrier family 13 member 5

Introduction

This gene encodes a protein belonging to the solute carrier family 13 group of proteins. This family member is a sodium-dependent citrate cotransporter that may regulate metabolic processes. Mutations in this gene cause early infantile epileptic encephalopathy 25. Alternative splicing results in multiple transcript variants.

Alternative Names

INDY; NACT; DEE25; mIndy; EIEE25; solute carrier family 13 member 5; Na(+)/citrate cotransporter; Na+-coupled citrate transporter protein; sodium-dependent dicarboxylate transporter; solute carrier family 13 (sodium-dependent citrate transporter), member 5; SLC13A5; Solute carrier family 13 member 5

Gene ID

[284111](#)

UniProt ID

[Q86YT5](#)