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Product Information

MemDX™ Membrane Protein Human NIPA2 (NIPA magnesium transporter 2) Full Length

Cat. No.: **MPC0671K**
This product is for research use only and is not intended for diagnostic use.

This product is a 39.1 kDa Human NIPA2 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
NIPA2

Protein Length
Full length

Protein Class
Transporter

Molecular Weight
39.1 kDa

TMD
9

Sequence
MSQGRGKYDFYIGLGLAMSSSIFIGGSFILKKKGLLRLARKGSMRAGQGG
HAYLKEWLWWAGLLSMGAGEVANFAAYAFAPATLVTPLGALSVLVSAILS
SYFLNERLNLHGKIGCLLSILGSTVMVIHAPKEEEIETLNEMSHKLGDPG
FVVFATLVVIVALILIFVVGPRHGQTNILVYITICSVIGAFSVSCVKGLG
IAIKELFAGKPVLRHPLAWILLLSLIVCVSTQINYLNRALDIFNTSIVTP
IYYVFFTTSVLTCSAILFKEWQDMPVDDVIGTLSGFFTIIVGIFLLHAFK
DVSFSLASLPVSFRKDEKAMNGNLSNMYEVLNNNEESLTCGIEQHTGENV
SRRNGNLTAF

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

NIPA2

Full Name

NIPA magnesium transporter 2

Introduction

This gene encodes a possible magnesium transporter. This gene is located adjacent to the imprinted domain in the Prader-Willi syndrome deletion region of chromosome 15. Alternate splicing results in multiple transcript variants. Pseudogenes of this gene are found on chromosomes 3, 7 and 21.

Alternative Names

SLC57A2; magnesium transporter NIPA2; non imprinted in Prader-Willi/Angelman syndrome 2; non-imprinted in Prader-Willi/Angelman syndrome region protein 2; NIPA2; NIPA magnesium transporter 2

Gene ID

81614

UniProt ID

Q8N8Q9

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