

Product Information

MemDX™ Membrane Protein Human CNNM4 (Cyclin and CBS domain divalent metal cation transport mediator 4) Full Length

Cat. No.: **MPC0497K**

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

This product is a 86.6 kDa Human CNNM4 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

CNNM4

Protein Length

Full length

Protein Class

Transporter; Ion channel

Molecular Weight

86.6 kDa

TMD

4

Sequence

MAPVGGGGRPVGGPARGRLLLAAPVLLVLLWALGARGQGSPQQGTIVGMR
LASCNKSCGTNPDGIIIFVSEGSTVNLRLYGYSLGNISSNLISFTEVDDAE
TLHKSTSCLELTKDLVVQQLVNVSRGNTSGVLVVLTKFLRRSESMKLYAL
CTRAQPDGPWLKWTDKDSLLFMVEEPGRFLPLWLHILLITVLLVLSGIFS
GLNLGLMALDPMELRIVQNCGTEKERRYARKIEPIRRKGNLYLLCSLLGN
VLVNTSLTILLDNLIGSGLMAVASSTIGIVIFGEILPQALCSRHGLAVGA
NTILLTKFFMLLTFPLSFPISKLLDFFLGQEIRTVYNREKLMEMLKVTEP
YNDLVKEELNMIQGALELRKTVEDIMTQLQDCFMIRSDAILDFNTMSEI
MESGYTRIPVFEDEQSNIVDILYVKDLAFVDPDDCTPLKTITRFYNHPVH
FVFHDTKLDAMLEEFKKGKSHLAIVQKVNNEGEDPFEVLGLVTLEDVI
EEIIKSEILDESDMYTDNRSRKRVSSEKNKRDFSAFKDADNELKVKISPQL
LLAAHRFLATEVSQFSPSLISEKILLRLLKYPDVIQELKFDEHNKYYARH
YLYTRNKPADYFILILQGKVEVEAGKENMKFETGAFSYYGTMALTSVPSD
RSPAHTPLSRASLSYPDRDVTAAATLAGSSNQFGSSVLGQYISDFSV
RALVDLQYIKITRQQYQNGLLASRMENSPQFPIDGCTTHMENLAEKSELP
VVDETTLLNERNSSLHKASHENAI

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

CNNM4

Full Name

Cyclin and CBS domain divalent metal cation transport mediator 4

Introduction

This gene encodes a member of the ancient conserved domain containing protein family. Members of this protein family contain a cyclin box motif and have structural similarity to the cyclins. The encoded protein may play a role in metal ion transport. Mutations in this gene are associated with Jalili syndrome which consists of cone-rod dystrophy and amelogenesis imperfecta.

Alternative Names

ACDP4; metal transporter CNNM4; ancient conserved domain protein 4; ancient conserved domain-containing protein 4; cyclin-M4; CNNM4; Cyclin and CBS domain divalent metal cation transport mediator 4

Gene ID

[26504](#)

UniProt ID

[Q6P4Q7](#)