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Datasheet for ABIN7553512
CNNM4 Protein (AA 1-775) (His tag)

Overview

Quantity:	1 mg
Target:	CNNM4
Protein Characteristics:	AA 1-775
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This CNNM4 protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

Product Details

Purpose:	Custom-made recombinat CNNM4 Protein expressed in mammalien cells.
Sequence:	MAPVGGGGRP VGGPARGRL LAAPVLLVLL WALGARGQGS PQQGTIVGMR LASCNKSCGT NPDGIIFVSE GSTVNLRLYG YSLGNISSNL ISFTEVDDAE TLHKSTSCLE LTKDLVVQQL VNVSARGNTSG VLVVLTkFLR RSESMKLYAL CTRAQPDGPW LKWTDKDSLL FMVEEPGRFL PLWLHILLIT VLLVLSGIFS GLNLGLMALD PMELRIVQNC GTEKERRYAR KIEPIRRKGN YLLCSLLLGN VLVNTSLTIL LDNLIGSGLM AVASSTIGIV IFGEILPQAL CSRHGLAVGA NTILLTKFFM LLTFPLSFPI SKLLDFFLGQ EIRTVYNREK LMEMLKVTEP YNDLVKEELN MIQGALELRT KTVEDIMTQL QDCFMIRSDA ILDFNTMSEI MESGYTRIPV FEDEQSNIVD ILYVKDLAFV DPDDCTPLKT ITRFYNHVPVH FVFHDTKLDA MLEEFKKGKS HLAIVQKVNN EGEGDPFYEV LGLVTLEDVI EEEKSEILD ESDMYTDNRS RKRVSEKNKR DFSAFKDADN ELKVKISPQL LLAHRFLAT EVSQFSPSLI SEKILLRLLK YPDVIQELKF DEHNKYYARH YLYTRNKPAD YFILILQGKV EVEAGKENMK FETGAFSYYG TMAITSVPSD RSPAHTPLS

Product Details

RSASLSYPDR TDVSTAATLA GSSNQFGSSV LGQYISDFSV RALVDLQYIK ITRQQYQNGL
LASRMENSPQ FPIDGCTTHM ENLAEKSELP VVDETTLLN ERNSLLHKAS HENAI **Sequence without tag. The proposed Purification-Tag is based on experiences with the expression system, a different complexity of the protein could make another tag necessary. In case you have a special request, please contact us.**

Characteristics:

Key Benefits:

- Made to order protein - from design to production - by highly experienced protein experts.
- Protein expressed in mammalian cells and purified in one-step affinity chromatography
- The optimized expression system ensures reliability for intracellular, secreted and transmembrane proteins.
- State-of-the-art algorithm used for plasmid design (Gene synthesis).

This protein is a made-to-order protein and will be made for the first time for your order. Our experts in the lab try to ensure that you receive soluble protein.

If you are not interested in a full length protein, please contact us for individual protein fragments.

The big advantage of ordering our made-to-order proteins in comparison to ordering custom made proteins from other companies is that there is no financial obligation in case the protein cannot be expressed or purified.

Purity:

> 90 % as determined by Bis-Tris Page, Western Blot

Grade:

custom-made

Target Details

Target:

CNNM4

Alternative Name:

CNNM4 ([CNNM4 Products](#))

Background:

Metal transporter CNNM4 (Ancient conserved domain-containing protein 4) (Cyclin-M4),FUNCTION: Probable metal transporter. The interaction with the metal ion chaperone COX11 suggests that it may play a role in sensory neuron functions (By similarity). May play a role in biomineralization and retinal function. {ECO:0000250, ECO:0000269|PubMed:19200525, ECO:0000269|PubMed:19200527}.

Molecular Weight:

86.6 kDa

UniProt:

[Q6P4Q7](#)

Application Details

Application Notes: In addition to the applications listed above we expect the protein to work for functional studies as well. As the protein has not been tested for functional studies yet we cannot offer a guarantee though.

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: The buffer composition is at the discretion of the manufacturer.

Handling Advice: Avoid repeated freeze-thaw cycles.

Storage: -80 °C

Storage Comment: Store at -80°C.

Expiry Date: 12 months
