

Datasheet for ABIN7557886
CNNM4 Protein (AA 1-771) (His tag)



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Overview

Quantity:	1 mg
Target:	CNNM4
Protein Characteristics:	AA 1-771
Origin:	Mouse
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 Cnm4 Protein expressed in mammalien cells.
Sequence:	MAPGGGGRR DGWPARGRL LAALLLWTR AASGQSSPQQ SVILGMRLAS CNKSCGMNPD GIIFVSEGST VNLRLYGHSL GDISSNLISF TEVDDAEAVH NSTNCLELTK DLVVQRLVNV SRGNTSGMLV VITKFLRRSE NMKLYALCTR PRADGPWTRW TDKDSSLFMV EEHGRFLPLW LHILLVMVLL VLSGIFSGLN LGLMALDPME LRIVQNCGTE KERKYARKIE PIRRKGNLYL CSLLLGNVLV NTSLTILLDN LIGSGIMAVA SSTIGIVIFG EILPQALCSR HGLAVGANTI VLTKVFMLLT FPLSFPISKL LDFVLGQEIR TVYNREKLME MLKVTEPYND LVKEELNMIQ GALELRKTIV EDIMTQLHDC FMIRSDAILD FNTMSEIMES GYTRIPVFED EQSNIVDILY VKDLAFVDPD DCTPLKTITR FYNHPVHFVF HDTKLDAMLE EFKKGKSHLA IVQKVNNEGE GDPFYEVLGL VTLEDVIEEI IKSEILDESD MYTDNRTRKR VSVKNKRDFS AFKDTDNELK VKISPQLLLA AHRFLATEVP QFSPSLMSEK ILLRLLKYPD VIQELRFNEH NRYCVRHYLY TRNKPADCFV LILQGKVEVE AGKENMKFET GAFSYYGTMA LSVAPPDRSP ALPTPLSRSA

Product Details

SLSYPDRNTD LTSTSLAGSN QFGSCILGQY VSDFSVRALT DLQYIKITRQ QYQNGLMASR
MDNSPQPTFD GCATCSENFM ERPELPPVDE TTLLNERNLS LLHRASEEET | **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) (mACDP4) (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:

[Q69ZF7](#)

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
