

Datasheet for ABIN7553534

Cyclin M2 Protein (CNNM2) (AA 1-875) (His tag)[Go to Product page](#)

Overview

Quantity:	1 mg
Target:	Cyclin M2 (CNNM2)
Protein Characteristics:	AA 1-875
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This Cyclin M2 protein is labelled with His tag.
Application:	SDS-PAGE (SDS), Western Blotting (WB)

Product Details

Purpose:	Custom-made recombinat CNNM2 Protein expressed in mammalien cells.
Sequence:	MIGCGACEPK VKMAGGQAAA ALPTWKMAAR RSL SARGRGI LQAAAGRLLP LLLLSCCCGA GGCAAVGENE ETVIIGLRLE DTNDVSFMEG GALRVSERTR VKLRVYGQNI NNETWSRIAF TEHERRHSP GERGLGGPAP PEPDSGPQRC GIRTSDIIL PHIILNRRTS GIEIEIKPL RKMEKSKSY LCTSLSTPAL GAGGSGSTGG AVGGKGGSGV AGLPPPPWAE TTWIYHDGED TKMIVGEEKK FLLPFWLQVI FISLLLCLSG MFSGLNLGLM ALDPMELRIV QNCGTEKEKN YAKRIEVR R QGNYLCSLL LGNVLVNTTL TILLDDIAGS GLVAVVSTI GIVIFGEIVP QAICSRHGLA VGANTIFLTK FFMMMTFPAS YPVSKLLDCV LGQEIGTVYN REKLLEMLRV TDPYNDLVKE ELNIIQGALE LRTKTVEDVM TPLRDCFMIT GEAILDFNTM SEIMESGYTR IPVFEGERSN IVDLLFVKDL AFVDPDDCTP LKTITKFYNH PLHFVFN DTK LDAMLEEFKK GKSHLAIVQR VNNEGEGDPF YEVLGIVTLE DVIEEIKSE ILDETDLYTD NRTKKKVAHR ERKQDFSAFK QTDSEMVKVI SPQLLLAMHR FLATEVEAFS PSQMSEKILL RLLKHPNVIQ

Product Details

ELKYDEKNKK APEYYLYQRN KPVDYFVLIL QGKVEVEAGK EGMKFEASAF SYYGVMALTA
SPVPLSLSRV FVVSRTTELLA AGSPGENKSP PRPCGLNHSD SLSRSDRIDA VTPTLGSSNN
QLNSSLLQVY IPDYSVRALS DLQFVKISRQ QYQNALMASR MDKTPQSSDS ENTKIELTLT
ELHDGLPDET ANLLNEQNCV THSKANHSLH NEGAI **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:

Cyclin M2 (CNNM2)

Alternative Name:

CNNM2 ([CNNM2 Products](#))

Background:

Metal transporter CNNM2 (Ancient conserved domain-containing protein 2) (Cyclin-M2),FUNCTION: Divalent metal cation transporter. Mediates transport of divalent metal cations in an order of Mg(2+) > Co(2+) > Mn(2+) > Sr(2+) > Ba(2+) > Cu(2+) > Fe(2+) (By similarity). {ECO:0000250|UniProtKB:Q3TWN3}.

Molecular Weight:

96.6 kDa

Target Details

UniProt: [Q9H8M5](#)

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