ANTIBODIES ONLINE

Datasheet for ABIN7563679
Cyclin M2 Protein (CNNM2) (AA 1-875) (His tag)

Overview

Quantity:	1 mg
Target:	Cyclin M2 (CNNM2)
Protein Characteristics:	AA 1-875
Origin:	Mouse
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:	MIGCGACEPE VKMAGGQAAA ALPTWKMAAR RSLSARGRGV LQAAAGRLLP LLLLSCCWGA GGCTAAGENE ETVIIGLRLE DTNDVSFMEG GALRVSERTR VKLRVYGQNI NNETWSRIAF TEHERRRHTP SERGLGGPAP PEPDSGPQRC GIRTSDIIIL PHIILNRRTS GIIEIEIKPL RKMEKSKSYY LCTSLSTPAL GAGGSGSASG TVGGKGGAGV AGLPPPPWAE TTWIYHDGED TKMIVGEEKK FLLPFWLQVI FISLLLCLSG MFSGLNLGLM ALDPMELRIV QNCGTEKEKN YAKRIEPVRR QGNYLLCSLL LGNVLVNTTL TILLDDIAGS GLVAVVVSTI GIVIFGEIVP QAICSRHGLA VGANTIFLTK FFMMMTFPAS YPVSKLLDCV LGQEIGTVYN REKLLEMLRV TDPYNDLVKE ELNIIQGALE LRTKTVEDVM TPLRDCFMIT GEAILDFNTM SEIMESGYTR IPVFEGERSN IVDLLFVKDL AFVDPDDCTP LKTITKFYNH PLHFVFNDTK LDAMLEEFKK GKSHLAIVQR VNNEGEGDPF YEVLGIVTLE DVIEEIIKSE ILDETDLYTD NRTKKKVAHR ERKQDFSAFK QTDSEMKVKI SPQLLLAMHR FLATEVEAFS PSQMSEKILL RLLKHPNVIQ ELKYDEKNKK

Product Details

APECYLYQRN KPVDYFVLIL QGKVEVEAGK EGMKFEASAF SYYGVMALTA SPVPLSLSRT FVVSRTEVLA AGSPGENKSP PRPCGLNHSD SLSRSDRIDA MTPTLGSSNN QLSSSFLQVY IPDYSVRALS DLQFVKISRQ QYQNALMASR MDKTPQSSDS ENTKIELTLT ELHDGLPDET ANLLNEQNCV SHNKANHSLH SEGAI **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 mammalien 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) (mACDP2) (Cyclin-M2),FUNCTION: Divalent metal cation transporter. Mediates transport of divalent metal cations in an order of $Mg(2+) > Co(2+) > Mn(2+) > Sr(2+) > Ba(2+) > Cu(2+) > Fe(2+)$. {ECO:0000269|PubMed:15899945}.
Molecular Weight:	96.7 kDa
UniProt:	Q3TWN3

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