

Datasheet for ABIN7562103

CCNB1IP1 Protein (AA 1-276) (His tag)



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Overview

Quantity:	1 mg
Target:	CCNB1IP1
Protein Characteristics:	AA 1-276
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This CCNB1IP1 protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

Product Details

Purpose:	Custom-made recombinat Ccnb1ip1 Protein expressed in mammalian cells.
Sequence:	<p>MSLCEDMLLC NYRKCRILS GYAWVTACSH IFCDQHSGE FSRSPAICPA CNSTLSGKLD</p> <p>IVRTELSPSE EYKAMVLAGL RPEVVLDISS RALAFWTYQV HQRLYQEYN FSKAENHLKQ</p> <p>MEKMYMQIQ SKNIELTSMTK GEVISMKKVL EYKKKFSDI SEKLMERNRQ YQKLQGLYDS</p> <p>LRLRNITIAS QEGSLEPGMI PQSGVFGFPP GNNSKFSLDH IPVGNQGGGD EDVQFRPFFV</p> <p>CSPTAPEPIN NFFSFASPSH EAEQVCSRA FKAKRI Sequence without tag. The proposed</p> <p>Purification-Tag is based on experiences with the expression system, a different complexity</p> <p>of the protein could make another tag necessary. In case you have a special request, please</p> <p>contact us.</p>
Characteristics:	<p>Key Benefits:</p> <ul style="list-style-type: none"> Made to order protein - from design to production - by highly experienced protein experts.

Product Details

- 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:	CCNB1IP1
Alternative Name:	Ccnb1ip1 (CCNB1IP1 Products)
Background:	E3 ubiquitin-protein ligase CCNB1IP1 (EC 2.3.2.27) (Cyclin-B1-interacting protein 1) (RING-type E3 ubiquitin transferase CCNB1IP1),FUNCTION: Ubiquitin E3 ligase that acts as a limiting factor for crossing-over during meiosis: required during zygonema to limit the colocalization of RNF212 with MutS-gamma-associated recombination sites and thereby establish early differentiation of crossover and non-crossover sites. Later, it is directed by MutL-gamma to stably accumulate at designated crossover sites. Probably promotes the dissociation of RNF212 and MutS-gamma to allow the progression of recombination and the implementation of the final steps of crossing over. Modulates cyclin-B levels and participates in the regulation of cell cycle progression through the G2 phase. Overexpression causes delayed entry into mitosis. {ECO:0000269 PubMed:17784788, ECO:0000269 PubMed:24390283}.
Molecular Weight:	31.4 kDa
UniProt:	D3Z3K2

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.
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Restrictions:	For Research Use only
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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