

Datasheet for ABIN7564623
CENPI Protein (AA 1-746) (His tag)



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Overview

Quantity:	1 mg
Target:	CENPI
Protein Characteristics:	AA 1-746
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This CENPI protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant Cenpi Protein expressed in mammalian cells.
Sequence:	<p>MATQRVTRNS QQQNRISQGS NSRQTSLLDW MVKDKSGNFK SVLKESSSVE DSTRTDDRTE GALQVAVGYF QKGPKKASLS KDKVLEKHLT TVENVALSNG LAPEAIDILL NVALSGKFGN AVNSRILKCM IPESHISEDS VLKAVSWLCV DKCSGNTKVL FYRWLVAMFD FIDHKKQISS LYGFFFASLQ DDTLCPYVCH LLYLLTKREN VKPFRVRKLL DLQAKMGMQP HLQALLSLYK FFAPTLISVS LPVRKKIFFN NSKNLWTSAS LAVRLRNQGA FPEPLNLPLR PTTGRSLKRK WNSHSVIPAL NSANKEYGEK TASLFDYLSS ERSLEPLEQLQ RFPQLLESIH CLELPSQMCS VLNSPLLLHY INCVKDESIL LRISYWLSQA LQECCVWYNI NNYEQEKEFI NFLDLVIRVQ CFLQEGFYSC EAFLYKSLPL WDGSSCRSQY LQLLAWIPFS SFSEVKPLLS DHLAPLFFTS SIYFKCSVLQ SLQELLQNLW LWLSTDAHVQ PTTDSPLETT LGGSMSSVSQ LIEYTGWLCV VAMRLESSST LLLHFILDFY EKVCDIYINY DLPIVVLFPF VIFHSALLSL DATILNQLCY IMYRYRNNWT AAKKNRYLQK AKPEFSLSSK ICKEYNYILT AMVCCLWTSR PFKAGVYTDTP ETIENTGGTQ YKSTLNIVYH PSLLSYAASF LLQESPEEMT EHLSSIQGKK WNWYLDYLYS</p>

Product Details

EGFQGLKLF I KSSVHSSV PK PEENTE **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.**

Specificity: If you are looking for a specific domain and are interested in a partial protein or a different isoform, please contact us regarding an individual offer.

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, anti-tag ELISA, Western Blot and analytical SEC (HPLC)

Grade: custom-made

Target Details

Target: CENPI

Alternative Name: Cenpi ([CENPI Products](#))

Background: Centromere protein I (CENP-I) (FSH primary response protein 1) (Follicle-stimulating hormone primary response protein),FUNCTION: Component of the CENPA-CAD (nucleosome distal) complex, a complex recruited to centromeres which is involved in assembly of kinetochore proteins, mitotic progression and chromosome segregation. May be involved in incorporation of newly synthesized CENPA into centromeres via its interaction with the CENPA-NAC complex. Required for the localization of CENPF, MAD1L1 and MAD2 (MAD2L1 or MAD2L2) to kinetochores. Involved in the response of gonadal tissues to follicle-stimulating hormone (By similarity). {ECO:0000250}.

Target Details

Molecular Weight: 85.4 kDa

UniProt: [Q8K1K4](#)

Application Details

Application Notes: We expect the protein to work for functional studies. 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