

Datasheet for ABIN7559644
CIPC/KIAA1737 Protein (AA 1-432) (His tag)



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Overview

Quantity:	1 mg
Target:	CIPC/KIAA1737 (CIPC)
Protein Characteristics:	AA 1-432
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This CIPC/KIAA1737 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant Cipc Protein expressed in mammalian cells.
Sequence:	<p>MRLLTRRAGH GAATLALRVI HMQRVPVLRRL PAILDMERKI PSRESPRRLS AKPGRGTEMK KLARPLGVVA ADSKDKSGFS DGSSECLSSA EQMESEDMLS ALGCKREDKR RQPSKAADTA LPTLPPMVVM KSVLVKQGSS SSQLQSWTVQ PSFEVISAQP QLFVLHPPVP SPVSSCQTGE KKSESRNYLP ILNSYTKIAP HPGKRGLNSE DRGTSGVSKK LCTERPGPSL SSSEPAKTGR VLSSPSTPAP PSSKLTEDST LQGVPSLGAG GSPQTLQPVS SSHVAKAPSL TLASPAAPVC ASDSTLHGLE SSSPLSPLSA SYTSPLWAAE HLCRSPDIFS EQRQNKHRRF QNTLVVLHKS GLLEITLTKK ELIRQNQATQ AELDQLKEQT QMFIEATKSR APQAWAKLQA SLTSGSSHSG SDLDTLSDHP DV 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.</p>
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.

Product Details

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:

CIPC/KIAA1737 (CIPC)

Alternative Name:

Cipc ([CIPC Products](#))

Background:

CLOCK-interacting pacemaker (CLOCK-interacting circadian protein),FUNCTION:

Transcriptional repressor which may act as a negative-feedback regulator of CLOCK-BMAL1 transcriptional activity in the circadian-clock mechanism. May stimulate BMAL1-dependent phosphorylation of CLOCK (PubMed:17310242, PubMed:19414601). However, the physiological relevance of these observations is unsure, since experiments in knockout mice showed that CIPC is not critically required for basic circadian clock (PubMed:25862660).

{ECO:0000269|PubMed:17310242, ECO:0000269|PubMed:19414601, ECO:0000269|PubMed:25862660}.

Molecular Weight:

46.3 kDa

UniProt:

[Q8R0W1](#)

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