

Datasheet for ABIN7553281
CEP72 Protein (AA 1-647) (His tag)



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Overview

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| Quantity: | 1 mg |
| Target: | CEP72 |
| Protein Characteristics: | AA 1-647 |
| Origin: | Human |
| Source: | HEK-293 Cells |
| Protein Type: | Recombinant |
| Purification tag / Conjugate: | This CEP72 protein is labelled with His tag. |

Product Details

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|-----------|---|
| Purpose: | Custom-made recombinant CEP72 Protein expressed in mammalian cells. |
| Sequence: | MARAGPRLVL SEEAVRAKSG LGPHRDLAEL QLSIPGTYQ EKITHLGHSL MSLTGLKSLD LSRNSLVSLE GIQYLTALES LNLYYNCISS LAEVFRLHAL TELVDVDFRL NPVVKVEPDY RLFVHLLPK LQLDDRPVR ASERKASRLH FASEDSLDSK ESVPASLKEG RPHHPRAKCT EALAKQSLVM DADDEAVLNL IAECEWDLGR PPGSTSFSQK GREADSRGSQ ESRHLLSPQL VQYQCGDSGK QGRETRRSSC RGCCLEKMPW SQLCGELPPL YGAEPEASRA PRPHYFTPH PDSMDTEDSA SSQKLDLSGE MVPGPLPAPG KCRKRRMPVG RFQTFSDQEG LGCPERTHGS SVPKESLSRQ DSSES RNGRT LSQPEASETE EQRSRGVTD T REPSPGSHSA LPGKKTALQA ALLETLLDLV DRSWGGRSL HSNEAFLAQA RHILSSVEEF TAAQDSSAMV GEDVGS�ALE SKSLQSRLAE QQQHAREMS EVTAE LHHHTH KELDDLRLQHL DKSLEENSRL KSLLLSMKKE VKSADTAATL NLQIAGLQTS VKRLCGEIVE LKQHLEHYDK IQELTQMLQE SHSSLVSTNE HLLQELSQRV AQHRAEVEQM HWSYQELKKT MALFPHSSAS HGGCQAC Sequence without tag. The proposed Purification-Tag is based on experiences with the expression system, a |

Product Details

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: CEP72

Alternative Name: CEP72 ([CEP72 Products](#))

Background: Centrosomal protein of 72 kDa (Cep72),FUNCTION: Involved in the recruitment of key centrosomal proteins to the centrosome. Provides centrosomal microtubule-nucleation activity on the gamma-tubulin ring complexes (gamma-TuRCs) and has critical roles in forming a focused bipolar spindle, which is needed for proper tension generation between sister chromatids. Required for localization of KIZ, AKAP9 and gamma-tubulin ring complexes (gamma-TuRCs) (PubMed:19536135). Involved in centriole duplication. Required for CDK5RAP22, CEP152, WDR62 and CEP63 centrosomal localization and promotes the centrosomal localization of CDK2 (PubMed:26297806). {ECO:0000269|PubMed:19536135, ECO:0000269|PubMed:26297806}.

Target Details

Molecular Weight: 71.7 kDa

UniProt: [Q9P209](#)

Pathways: [M Phase](#)

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