

Datasheet for ABIN7553280

CEP55 Protein (AA 1-464) (His tag)



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Overview

Quantity:	1 mg
Target:	CEP55
Protein Characteristics:	AA 1-464
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This CEP55 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant CEP55 Protein expressed in mammalian cells.
Sequence:	MSSRSTKDLI KSKWGSKPSN SKSETTLEKL KGEIAHLKTS VDEITSGKGK LTKERHRL EKIRVLEAEK EKNAYQLTEK DKEIQLRDQ LKARYSTTTL LEQLEETTRE GERREQVLKA LSEKDVLLKQ QLSAATSRIA ELESKTNTLR LSQTVAPNCF NSSINNIHEM EIQLKDALEK NQQWLVDYDQ REVVYKGLLA KIFELEKKTE TAAHSLPQQT KKPESSEGYLQ EEKQKCYNDL LASAKDLEV ERQTITQLSF ELSEFRRKYE ETQKEVHNLN QLLYSQRRAD VQHLEDDRHK TEKIQKLREE NDIARGKLEE EKKRSEELLS QVQFLYTSLL KQQEEQTRVA LLEQQMQACT LDFENEKLDL QHVQHQLHVI LKELRKARNQ ITQLESLKQL HEFAITEPLV TFQGETENRE KVAASPKSPT AALNESLVEC PKCNIQYPAT EHRDLLVHVE YCSK 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

Product Details

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:

CEP55

Alternative Name:

CEP55 ([CEP55 Products](#))

Background:

Centrosomal protein of 55 kDa (Cep55) (Up-regulated in colon cancer 6),FUNCTION: Plays a role in mitotic exit and cytokinesis (PubMed:16198290, PubMed:17853893). Recruits PD CD61P and TSG101 to midbody during cytokinesis. Required for successful completion of cytokinesis (PubMed:17853893). Not required for microtubule nucleation (PubMed:16198290). Plays a role in the development of the brain and kidney (PubMed:28264986).
{ECO:0000269|PubMed:16198290, ECO:0000269|PubMed:17853893, ECO:0000269|PubMed:28264986}.

Molecular Weight:

54.2 kDa

UniProt:

[Q53EZ4](#)

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