

Datasheet for ABIN7553238
CEP78 Protein (AA 1-689) (His tag)



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Overview

Quantity:	1 mg
Target:	CEP78
Protein Characteristics:	AA 1-689
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This CEP78 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant CEP78 Protein expressed in mammalian cells.
Sequence:	<p>MIDSVKLRRD SAADFFSHYE YLCALQNSVP LPAVRACLRE GVLDNFADRL RGVDWAPLLS</p> <p>TLKINKDLPL VSIKSFFQPW LGDTGSDMNK FCRSRVPAIR YKDVTFQLCK ALKGCLSISS</p> <p>VLKNLELNGL ILRERDLTIL AKGLNKSASL VHLSLANCPI GDGGLEIICQ GIKSSITLKT</p> <p>VNFTGCNLTW QGADHMAKIL KYQTMRRHEE TWAESLRYRR PDLDCMAGLR RITLNCNTLI</p> <p>GDLGACAFAD SLSEDLWLRA LDLQQCGLTN EGAKALLEAL ETNTTLVVLD IRKNPLIDHS</p> <p>MMKAVIKKVL QNGRSAKSEY QWITSPSVKE PSKTAKQKRR TIILGSGHKG KATIRIGLAT</p> <p>KKPVSSGRKH SLGKEYYAPA PLPPGVSGFL PWRTAERAKR HRGFPLIKTR DICNQLQQPG</p> <p>FPVTVTVESP SSSEVEEVDD SSESVEHVPE KTSIEQEALQ EKLEECLKQL KEERVIRLKV</p> <p>DKRVSELEHE NAQLRNINFS LSEALHAQSL TNMILDDEGV LGSSENSFQK FHAFLDLLKD</p> <p>AGLGQLATMA GIDQSDFQLL GHPQMTSTVS NPPKEEKAL EDEKPEPKQN ALGQMQNIQF</p> <p>QKITGDARIP LPLDSFPVPV STPEGLGTSS>NNLGV PATEQ RQESFEGFIA RMCSPSPDAT</p> <p>SGTGSQRKEE ELSRNSRSSS EKKTCTESH Sequence without tag. The proposed Purification-</p>

Product Details

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: CEP78

Alternative Name: CEP78 ([CEP78 Products](#))

Background: Centrosomal protein of 78 kDa (Cep78),FUNCTION: May be required for efficient PLK4 centrosomal localization and PLK4-induced overduplication of centrioles (PubMed:27246242). May play a role in cilium biogenesis (PubMed:27588451). {ECO:0000269|PubMed:27246242, ECO:0000269|PubMed:27588451}.

Molecular Weight: 76.4 kDa

UniProt: [Q5JTW2](#)

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