

Datasheet for ABIN7553419
CEP89 Protein (AA 1-783) (His tag)



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Overview

Quantity:	1 mg
Target:	CEP89
Protein Characteristics:	AA 1-783
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This CEP89 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant CEP89 Protein expressed in mammalian cells.
Sequence:	MLLGFRGR RRR SHFKHIIHGL LPAASVAPKA AVPRTPPPRS PNPSPERPRS ALAAAILATT LTGRTVAIPQ PRQRSSESD VSSVEQDSFI EPYATTSQLR PRPNWQSEMG RRSSLPSFET LDYGDEEDIE TQLSSSGKEL GDVSAREDRG GHSDDLAVP HRNQVPLLHE VNSED DENIS HQDGFPGSPP APQRTQQKDG KHPVLNLKDE KPPLCEKPPP SPDITGRARQ RYTEITREKF EALKEENMDL NNMNQSLTLE LNTMKQAMKE LQLKLGMEK EKRLKKEAEK ASSQEVAAPE LLYLKQAQE LVDENDGLKM TVHRLNELS RYQTKFRHLS KEESLNIEGL PSKGIPIPPWL LDIKYLSPLL LAYEDMMKEK DELNATLKEE MRMFRMRVQE VVKENEELHQ ELNKSSAVTS EWRQLQTQA KLVLEENKLL LEQLEIQQRK AKDSHQERLQ EVSKLTKQLM LLEAKTHGQE KELAENREQL EILRAKCOEL KTHSDGKIAV EVHKSIVNEL KSQLQKEEEK ERAEMEELME KLTVLQAQKK SLLLEKNSLT EQNKALEAEL ERAQKINRKS QKKIEVLKKQ VEKAMGNEMS AHQYLANLVG LAENITQERD SLMCLAKCLE SEKDGVLNKV IKSNIIRLGKL EEKVKGYKKQ AALKLGDISH RLLEQQEDFA GKTAQYRQEM RHLHQVLKDK QEVLDQALQQ NREMEGELEV

Product Details

IWESTFRENR RIRELLQDTL TRTGVQDNPR ALVAPSLNGV SQADLLDGCD VCSYDLKSHA PTC

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: CEP89

Alternative Name: CEP89 ([CEP89 Products](#))

Background: Centrosomal protein of 89 kDa (Cep89) (Centrosomal protein 123) (Cep123) (Coiled-coil domain-containing protein 123),FUNCTION: Required for ciliogenesis. Also plays a role in mitochondrial metabolism where it may modulate complex IV activity. {ECO:0000269|PubMed:23348840, ECO:0000269|PubMed:23575228}.

Molecular Weight: 89.6 kDa

UniProt: [Q96ST8](#)

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
