

Datasheet for ABIN7553235
CENPQ Protein (AA 1-268) (His tag)



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Overview

Quantity:	1 mg
Target:	CENPQ
Protein Characteristics:	AA 1-268
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This CENPQ protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant CENPQ Protein expressed in mammalian cells.
Sequence:	MSGKANASKK NAQLKRNPK RKKDNEEVVL SENKVRNTVK KNKNHLKDLS SEGQTKHTNL KHGKTAASKR KTWQPLSKST RDHLQTMMS VIMTILSNSI KEKEEIQYHL NFLKKRLLQQ CETLKVPPKK MEDLTNVSSL LNMERARDKA NEEGLALLQE EIDKMVETTE LMTGNIQSLK NKIQILASEV EEEEEERVKQM HQINSSGVLS LPELSQKTLK APTLQKEILA LIPNQALLK DLDILHNSSQ MKSMSTFIEE AYKKLDAS 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:

Product Details

- 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)
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Grade:	custom-made
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Target Details

Target:	CENPQ
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Alternative Name:	CENPQ (CENPQ Products)
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Background:	Centromere protein Q (CENP-Q),FUNCTION: Component of the CENPA-CAD (nucleosome distal) complex, a complex recruited to centromeres which is involved in assembly of kinetochore proteins, mitotic progression and chromosome segregation. May be involved in incorporation of newly synthesized CENPA into centromeres via its interaction with the CENPA-NAC complex (PubMed:16622420). Plays an important role in chromosome congression and in the recruitment of CENP-O complex (which comprises CENPO, CENPP, CENPQ and CENPU), CENPE and PLK1 to the kinetochores (PubMed:25395579). {ECO:0000269 PubMed:16622420, ECO:0000269 PubMed:25395579}.
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Molecular Weight:	30.6 kDa
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UniProt:	Q7L2Z9
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Application Details

Application Notes:	We expect the protein to work for functional studies. As the protein has not been tested for
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Application Details

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
