Datasheet for ABIN7553132

CAPZA3 Protein (AA 1-299) (His tag)

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Overview

Quantity:	1 mg
Target:	CAPZA3
Protein Characteristics:	AA 1-299
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This CAPZA3 protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

Product Details

Purpose:	Custom-made recombinat CAPZA3 Protein expressed in mammalien cells.
Sequence:	MTLSVLSRKD KERVIRRLLL QAPPGEFVNA FDDLCLLIRD EKLMHHQGEC AGHQHCQKYS VPLCIDGNPV LLSHHNVMGD YRFFDHQSKL SFKYDLLQNQ LKDIQSHGII QNEAEYLRVV LLCALKLYVN DHYPKGNCNM LRKTVKSKEY LIACIEDHNY ETGECWNGLW KSKWIFQVNP FLTQVTGRIF VQAHFFRCVN LHIEISKDLK ESLEIVNQAQ LALSFARLVE EQENKFQAAV LEELQELSNE ALRKILRRDL PVTRTLIDWH RILSDLNLVM YPKLGYVIYS RSVLCNWII **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.**
Characteristics:	Key Benefits: • Made to order protein - from design to production - by highly experienced protein experts.

Product Details

	• Protein expressed in mammalien 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, Western Blot
Grade:	custom-made

Target Details

Target:	CAPZA3
Alternative Name:	CAPZA3 (CAPZA3 Products)
Background:	F-actin-capping protein subunit alpha-3 (CapZ alpha-3) (CP-alpha-3) (Germ cell-specific protein 3),FUNCTION: F-actin-capping proteins bind in a Ca(2+)-independent manner to the fast growing ends of actin filaments (barbed end) thereby blocking the exchange of subunits at these ends. Unlike other capping proteins (such as gelsolin and severin), these proteins do not sever actin filaments. May play a role in the morphogenesis of spermatid (By similarity). {ECO:0000250}.
Molecular Weight:	35.0 kDa
UniProt:	Q96KX2
Pathways:	Regulation of Actin Filament Polymerization

Application Details

Application Notes:	In addition to the applications listed above we expect the protein to work for functional studies as well. As the protein has not been tested for functional studies yet we cannot offer a guarantee though.

Application Details

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