

Datasheet for ABIN7559164

## CABS1 Protein (AA 1-391) (His tag)



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### Overview

Quantity:	1 mg
Target:	CABS1
Protein Characteristics:	AA 1-391
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This CABS1 protein is labelled with His tag.

### Product Details

Purpose:	Custom-made recombinant Cabs1 Protein expressed in mammalian cells.
Sequence:	<p>MAEDGSPKIY SRPPRDNSTK PTEADIFFGA DNTIPKSETT ITSEGDHVTN VNDCTPDGDF</p> <p>STTVNKLTPK KEKLKLEDDI EGCLKLTTLT EKEITTPTEF PNSTPKGSIT ENFIPVKIGN</p> <p>TSSPVGTVSL IDFSNTAKE DIFLTITDTG EKEVVPTEF SGTLEDSAAD VEDASGFPDE</p> <p>STETDVPSSA TSDAPDDGAV QVTDSFSPEA GVPPSTEKEV TTIPDITNIA EENVTEIKLI</p> <p>VSEDRPKTVT KLSDEEEKF ITVFELTNSA EKAKDNVEDP LNDEESTDGA NDWMEKETAS</p> <p>EAESHAVLLT AVESRYDFIV TASETDNVME ESHVNTTDLT ENETTESVTN VTEELPSVTS</p> <p>IVDTLKDKED LSTTNSGLFK LLKEEPDDL M <b>Sequence without tag. The proposed</b></p> <p><b>Purification-Tag is based on experiences with the expression system, a different complexity</b></p> <p><b>of the protein could make another tag necessary. In case you have a special request, please</b></p> <p><b>contact us.</b></p>
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.

## Product Details

Characteristics:	<div><div>Key Benefits:</div><ul style="list-style-type: none"><li>• Made to order protein - from design to production - by highly experienced protein experts.</li><li>• Protein expressed in mammalian cells and purified in one-step affinity chromatography</li><li>• The optimized expression system ensures reliability for intracellular, secreted and transmembrane proteins.</li><li>• State-of-the-art algorithm used for plasmid design (Gene synthesis).</li></ul><p>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.</p><p>If you are not interested in a full length protein, please contact us for individual protein fragments.</p><p>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.</p></div>
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Purity:	> 90 % as determined by Bis-Tris PAGE, anti-tag ELISA, Western Blot and analytical SEC (HPLC)
Grade:	custom-made

## Target Details

Target:	CABS1
Alternative Name:	Cabs1 ( <a href="#">CABS1 Products</a> )
Background:	Calcium-binding and spermatid-specific protein 1,FUNCTION: Calcium-binding protein (PubMed:19208547). Essential for maintaining the structural integrity of the sperm flagella (PubMed:33440775). {ECO:0000269 PubMed:19208547, ECO:0000269 PubMed:33440775}.
Molecular Weight:	42.3 kDa
UniProt:	<a href="#">Q8C633</a>

## 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

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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