

Datasheet for ABIN7559412
POC1A Protein (AA 1-405) (His tag)



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Overview

Quantity:	1 mg
Target:	POC1A
Protein Characteristics:	AA 1-405
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This POC1A protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

Product Details

Purpose:	Custom-made recombinat Poc1a Protein expressed in mammalien cells.
Sequence:	MAAPSQEDPS LERHFKGHRD AVTCVDFSLN TKHLASGSMD STLMIWVHMKP QSRAYRFTGH KDAVTCVNFS PSGHLLASGS RDKTVRIWVP NVKGESTVFR AHTATVRSVH FCSDGQSLVT ASDDKTVKVVW STHRQRFLFS LTQHINWVRC AKFSPDGRLI VSASDDKTVK LWDKTSRECI HSYCEHGGFV TYVDFHPSGT CIAAAGMDNT VKVWDARTHRL LQHYQLHSA AVNALSFHPS GNYLITASSD STLKLDLME GRLLYTLHGH QGPATTVAFS RTGEYFASGG SDEQVMVWKS NFDIVDYGDM KARRPPPLTS SSGTLPKMDL PVPPGRDRSL ESVQGEPQES ISMPQTLTST LEHIVGQLDI LTQTVSILEQ RLTLTEDRLK QCLENQQLIM QRTTPP 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:

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, Western Blot
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Grade:	custom-made
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Target Details

Target:	POC1A
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Alternative Name:	Poc1a (POC1A Products)
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Background:	POC1 centriolar protein homolog A (WD repeat-containing protein 51A),FUNCTION: Plays an important role in centriole assembly and/or stability and ciliogenesis. Involved in early steps of centriole duplication, as well as in the later steps of centriole length control. Acts in concert with POC1B to ensure centriole integrity and proper mitotic spindle formation (By similarity). {ECO:0000250}.
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Molecular Weight:	45.1 kDa
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UniProt:	Q8JZX3
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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.
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Restrictions:	For Research Use only
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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