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Datasheet for ABIN7558629
POC1B Protein (AA 1-476) (His tag)

Overview

Quantity:	1 mg
Target:	POC1B
Protein Characteristics:	AA 1-476
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This POC1B protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

Product Details

Purpose:	Custom-made recombinat Poc1b Protein expressed in mammalien cells.
Sequence:	MASGLEDPIL ERSFKGHKAA ITSADFSPNC KQIATASWDT FLMLWSLKPH ARAYRYVGHK DVVTSLQFSP QGNLLASASR DRTVRLWVLD RKGKSSEFKA HTAPVRSVDF SADGQLLVTA SEDKSIKVWS MFRQRFLYSL YRHTHWVRCA KFSPDGR LIV SCSEDKTIKI WDTTNKQCVN NFSDSVGFAN FVDFNPNGTC IASAGSDHAV KIWDIRMNKL LQHYQVHSCG VNCLSFHPLG NSLVTASSDG TVKMLDLIEG RLIYTLQGHT GPVFTVSFSK DGELLTSGGA DAQVLIWRTN FIHLHCKDPK RNLKRLHFEA SPHLLDIYPR SPHSHEDRKE TIEINPKREV MDLQSSSPPV VDVLSFDSTT MTDSTYRAVP GKGEDICRYF LNPLLMPECS STTVKKRPED VSDVPESLR SVPLAVADAL EHIMEQLNIL TQTVSILEQR LSLTEDKLRD CLENQQLFS AVQQKS 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.

Product Details

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, Western Blot

Grade:

custom-made

Target Details

Target:

POC1B

Alternative Name:

Poc1b ([POC1B Products](#))

Background:

POC1 centriolar protein homolog B (WD repeat-containing protein 51B),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 POC1A to ensure centriole integrity and proper mitotic spindle formation. Required for primary cilia formation, ciliary length and also cell proliferation. Required for retinal integrity. {ECO:0000250|UniProtKB:Q8TC44}.

Molecular Weight:

53.5 kDa

UniProt:

[Q8BHD1](#)

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

Application Details

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