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Datasheet for ABIN7554123
HOOK2 Protein (AA 1-719) (His tag)

Overview

Quantity:	1 mg
Target:	HOOK2
Protein Characteristics:	AA 1-719
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This HOOK2 protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

Product Details

Purpose:	Custom-made recombinat HOOK2 Protein expressed in mammalien cells.
Sequence:	MSVDKAEALCG SLLTWLQTFH VPSPCASPQD LSSGLAVAYV LNQIDPSWFN EAWLQGISD PGPNWKLKVS NLKMVLRSLV EYSQDVL AHP VSEEHL PDVS LIGEFSDPAE LGKLLQLVLG CAISCEKKQD HIQRIMTLEE SVQHVVMEAI QELMTKDTPD SLSPETYGNF DSQSRYYFL SEEAEEGDEL QQRCLDLERQ LMLLSEEKQS LAQENAGLRE RMGRPEGEGT PGLTAKKLLL LQSLEQLQE ENFRLESGRE DERLRCAELE REVAELQHRN QALTSLAQEA QALKDEMDEL RQSSERAGQL EATLTSCRRL LGELRELRRQ VRQLEERNAG HAERTRQLED ELRRAGSLRA QLEAQRQVQ ELQGQRQEEA MKAEKWLFEC RNLEEKYESV TKEKERLLAE RDSLREANEE LRCAQLQPRG LTQADPSLDP TSTPVDNLAA EILPAELRET LLRLQLENKR LCRQEAADRE RQEELQRHLE DANRARGLE TQHRLNQQQL SELRAQVEDL QKALQEQGGK TEDAISILLK RKLEEHLQKL HEADLELQRK REYIEELEPP TDSSTARRIE ELQHNLQKKD ADLRAMEERY RRYVDKARMV MQTMEPKQRP AAGAPPELHS LRTQLRERDV RIRHLEMDFE KRSRQREQEE

Product Details

KLLISAWYNM GMALQQRAGE ERAPAHAQSF LAQQRLATNS RRGPLGRLAS LNLRPDKH

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.
- 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:

HOOK2

Alternative Name:

HOOK2 ([HOOK2 Products](#))

Background:

Protein Hook homolog 2 (h-hook2) (hHK2),FUNCTION: Component of the FTS/Hook/FHIP complex (FHF complex). The FHF complex may function to promote vesicle trafficking and/or fusion via the homotypic vesicular protein sorting complex (the HOPS complex). Contributes to the establishment and maintenance of centrosome function. May function in the positioning or formation of aggresomes, which are pericentriolar accumulations of misfolded proteins, proteasomes and chaperones. FHF complex promotes the distribution of AP-4 complex to the perinuclear area of the cell (PubMed:32073997). {ECO:0000269|PubMed:17140400, ECO:0000269|PubMed:17540036, ECO:0000269|PubMed:18799622, ECO:0000269|PubMed:32073997}.

Target Details

Molecular Weight: 83.2 kDa

UniProt: [Q96ED9](#)

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.

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