

Datasheet for ABIN7552625
AXIN2 Protein (AA 1-843) (His tag)



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Overview

Quantity:	1 mg
Target:	AXIN2
Protein Characteristics:	AA 1-843
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This AXIN2 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant AXIN2 Protein expressed in mammalian cells.
Sequence:	<p>MSSAMLVTC L PDPSSSFRED APRPPVPGEE GETPPCQPGV GKGQVTKPMP VSSNTRRNED</p> <p>GLGEPEGRAS PDSPLTRWTK SLHSL LGDQD GAYLFRTFLE REKCVDTLDF WFACNGFRQM</p> <p>NLKDTKTLRV AKAIYKRYIE NNSIVSKQLK PATKTYIRDG IKKQQIDSIM FDQAQTEIQS</p> <p>VMEENAYQMF LTSDIYLEYV RSGGENTAYM SNGGLGSLKV VCGYLPTLNE EEEWTCADFK</p> <p>CKLSPTVVGL SSKTLRATAS VRSTETVDSG YRSFKRSDPV NPYHIGSGYV FAPATSANDS</p> <p>EISSDALTD D SMSMTDSSVD GIPPYRVGSK KQLQREMHRS VKANGQVSLP HFPRTHRLPK</p> <p>EMTPVEPATF AAELISRLEK LKLELESRHS LEERLQQIRE DEEREGSELT LNSREGAPTQ</p> <p>HPLSLLPSGS YEEDPQTILD DHLSRVLKTP GCQSPGVGRY SPRSRSPDHH HHHHSQYHSL</p> <p>LPPGGKLPPA AASPGACPLL GKG FVTKQT TKHVHHHHYIH HHA VPKTKEE IEAEATQRVH</p> <p>CFCPGGSEYY CYSKCKSHSK APETMPSEQF GSGRGSTLPK RNGKGTEPGL ALPAREGGAP</p> <p>GGAGALQLPR EEGDRSQDVW QWMLESERQS KPKPHSAQST KKAYPLESAR SSPGERASRH</p> <p>HLWGGNSGHP RTTPRAHLFT QDPAMPPLTP PNTLAQLEEA CRRLAEVSKP PKQRCCVASQ</p>

Product Details

QRDRNHSATV QTGATPFSNP SLAPEDHKEP KKLAVVHALQ ASELVVITYFF CGEEIPYRRM
LKAQSLTLGH FKEQLSKKGN YRYYFKKASD EFACGAVFEE IWEDETVLPM YEGRILGKVE RID

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.

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.

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, anti-tag ELISA, Western Blot and analytical SEC (HPLC)

Grade: custom-made

Target Details

Target: AXIN2

Alternative Name: AXIN2 ([AXIN2 Products](#))

Background: Axin-2 (Axin-like protein) (Axil) (Axis inhibition protein 2) (Conductin),FUNCTION: Inhibitor of the Wnt signaling pathway. Down-regulates beta-catenin. Probably facilitate the phosphorylation of beta-catenin and APC by GSK3B. {ECO:0000250|UniProtKB:O15169}.

Molecular Weight: 93.6 kDa

UniProt: [Q9Y2T1](#)

Target Details

Pathways: [Regulation of G-Protein Coupled Receptor Protein Signaling](#)

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

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