

Datasheet for ABIN7556113
ZHX2 Protein (AA 1-837) (His tag)



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Overview

Quantity:	1 mg
Target:	ZHX2
Protein Characteristics:	AA 1-837
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This ZHX2 protein is labelled with His tag.
Application:	SDS-PAGE (SDS), Western Blotting (WB)

Product Details

Purpose:	Custom-made recombinat ZHX2 Protein expressed in mammalian cells.
Sequence:	<p>MASKRKSTTP CMVRTSQVVE QDVPEEVDR AKEKGIGTPQP DVAKDSWA AE LENS SKENEV IEVKSMGESQ SKKLQGGYEC KYCPYSTQNL NEFTEHVDMQ HPNVILNPLY VCAECNFTTK KYDSLSDHNS KFHPGEANFK LKLIKRNNTQ VLEQSIETTN HVVSITTS GP GTGDSDSGIS VSKTPIMKPG KPKADAKKVP KKPEEITPEN HVEGTARLVT DTAEILSRLG GVELLQDTLG HVMPSVQLPP NINLVPKVPV PLNTTKYN SA LDTNATMINS FNKFPYPTQA ELSWLTAASK HPEEHIRIWF ATQRLKHGIS WSPREEVEAR KKM FNGTIQS VPPTITV LPA QLAPT KVTQP ILQTALPCQI LGQTSVLVTQ VTSGSTTVSC SPITLAVAGV TNHGQKRPLV TPQAAPEPKR PHIAQVPEPP PKVANPPLTP ASDRKKTKEQ IAHLKASFLQ SQFPDDAEVY RLIEVTGLAR SEIKKWFS DH RYRCQRGIVH ITSESLAKDQ LAIAASRHGR TYHAYPDFAP QKFKEKTQQQ VKILED SFLK SSFPTQAELD RLRVETKLSR REIDSWFSER RKL RDSMEQA VLDSMGSGKK GQDVGAPNGA LSRLDQLSGA QLTSSLPSPS PAIAKSQEQV HLLRSTFART QWPTPQEYDQ</p>

Product Details

LAAKTGLVRT EIVRWFKENR CLLKTGTVKW MEQYQHQPMA DDHGYDAVAR KATKPKMAESP
KNGGDVVPQY YKDPKKLCEE DLEKLVTRVK VGSEPAKDCL PAKPSEATSD RSEGSSRDGQ
GSDENEESV VDYVEVTVGE EDAISDRSDS WSQAAAEGVS ELAESDSDCV PAEAGQA **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:

ZHX2

Alternative Name:

ZHX2 ([ZHX2 Products](#))

Background:

Zinc fingers and homeoboxes protein 2 (Alpha-fetoprotein regulator 1) (AFP regulator 1) (Regulator of AFP) (Zinc finger and homeodomain protein 2),FUNCTION: Acts as a transcriptional repressor (PubMed:12741956). Represses the promoter activity of the CDC25C gene stimulated by NFYA (PubMed:12741956). May play a role in retinal development where it regulates the composition of bipolar cell populations, by promoting differentiation of bipolar OFF-type cells (By similarity). In the brain, may promote maintenance and suppress differentiation of neural progenitor cells in the developing cortex (By similarity).

Target Details

{ECO:0000250|UniProtKB:Q8C0C0, ECO:0000269|PubMed:12741956}.

Molecular Weight: 92.3 kDa

UniProt: [Q9Y6X8](#)

Pathways: [Stem Cell Maintenance](#)

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