

Datasheet for ABIN7556114
ZHX3 Protein (AA 1-956) (His tag)



[Go to Product page](#)

Overview

Quantity:	1 mg
Target:	ZHX3
Protein Characteristics:	AA 1-956
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This ZHX3 protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

Product Details

Purpose:	Custom-made recombinat ZHX3 Protein expressed in mammalian cells.
Sequence:	<p>MASKRKSTTP CMIPVKTVVL QDASMEAQPA ETLPEGPQQD LPPEASAASS EAAQNPSSTD</p> <p>GSTLANGHRS TLDGYLYSCK YCDFRSHDMT QFVGHMNSEH TDFNKDPTFV CSGCSFLAKT</p> <p>PEGLSLHNAT CHSGEASFVW NVAKPDNHVV VEQSIPESTS TPDLAGEPSA EGADGQAEII</p> <p>ITKTPIMKIM KGKAEAKKIH TLKENVPSQP VGEALPKLST GEMEVREGDH SFINGAVPVS</p> <p>QASASSAKNP HAANGPLIGT VPVLPAGIAQ FLSLQQQPPV HAQHHVHQPL PTAKALPKVM</p> <p>IPLSSIPTYN AAMDNSNFLK NSFHKFPYPT KAELCYLTVV TKYPEEQLKI WFTAQRLKQG</p> <p>ISWSPEEIED ARKKMFNTVI QSVQPQTITV LNTPLVASAG NVQHLLQAAL PGHVVGQPEG</p> <p>TGGGLLVTPQ LMANGLQATS SPLPLTVTSV PKQPGVAPIN TVCSNTTSAV KVVNAAQSL</p> <p>TACPSITSQA FLDASIYKNK KSHEQLSALK GSFCRNQFPG QSEVEHLTKV TGLSTREVRK</p> <p>WFSDDRRYHCR NLKGSRAMIP GDHSSIIIDS VPEVSFSPSS KVPEVTCIPT TATLATHPSA</p> <p>KRQSWHQTPD FTPTKYKERA PEQLRALESS FAQNPLPLDE ELDRLRSETK MTRREIDSWF</p>

SERRKKVNAE ETKKAEENAS QEEEEAAEDE GGEEDLASEL RVSGENGSL E MPSSHILAER
KVSPKINLK NLRVTEANGR NEIPGLGACD PEDDESNKLA EQLPGKVSCK KTAQQRHLLR
QLFVQTQWPS NQDYDSIM AQ TGLPRPEVVR WFGDSRYALK NGQLKWYEDY KRGNFPPGLL
VIAPGNRELL QDYVMTHKML YEEDLQNLCD KTQMSSQQVK QWFAEKMGE E TRAVADTGSE
DQGP GTGELT AVHKGMGDTY SEVSENSESW EPRVPEASSE PFDTSPPQAG RQLETD **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:	<p>Key Benefits:</p> <ul style="list-style-type: none">• 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). <p>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.</p> <p>If you are not interested in a full length protein, please contact us for individual protein fragments.</p> <p>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.</p>
------------------	---

Purity:	> 90 % as determined by Bis-Tris Page, Western Blot
---------	---

Grade:	custom-made
--------	-------------

Target Details

Target:	ZHX3
Alternative Name:	ZHX3 (ZHX3 Products)
Background:	<p>Zinc fingers and homeoboxes protein 3 (Triple homeobox protein 1) (Zinc finger and homeodomain protein 3),FUNCTION: Acts as a transcriptional repressor. Involved in the early stages of mesenchymal stem cell (MSC) osteogenic differentiation. Is a regulator of podocyte gene expression during primary glomerula disease. Binds to promoter DNA.</p> <p>{ECO:0000269 PubMed:12659632, ECO:0000269 PubMed:21174497}.</p>

Target Details

Molecular Weight: 104.7 kDa

UniProt: [Q9H4I2](#)

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