

Datasheet for ABIN7556131
ZHX1 Protein (AA 1-873) (His tag)



[Go to Product page](#)

Overview

| | |
|-------------------------------|---|
| Quantity: | 1 mg |
| Target: | ZHX1 |
| Protein Characteristics: | AA 1-873 |
| Origin: | Human |
| Source: | HEK-293 Cells |
| Protein Type: | Recombinant |
| Purification tag / Conjugate: | This ZHX1 protein is labelled with His tag. |
| Application: | Western Blotting (WB), SDS-PAGE (SDS) |

Product Details

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|-----------|--|
| Purpose: | Custom-made recombinat ZHX1 Protein expressed in mammalian cells. |
| Sequence: | <p>MASRRKSTTP CMVLASEQDP DLEISDLDE GPPVLTPVEN TRAESSISSE EVHESVDSDN</p> <p>QQNKKVEGGY ECKYCTFQTP DLNMFTFHVD SEHPNVVLNS SYVCVECNFL TKRYDALSEH</p> <p>NLKYHPGEEN FKLTMVKRNN QTIFEQTIND LTFDGSFVKE ENAEQAESTE VSSSGISISK</p> <p>TPIMKMMKNK VENKRIAVHH NSVEDVPEEK ENEIKPDREE IVENPSSSAS ESNTSTSIVN</p> <p>RIHPSTASTV VTPAAVLPGP AQVITAVSAQ QNSNLIPKVL IPVNSIPTYN AALDNNPLLL</p> <p>NTYNKFPYPT MSEITVLSAQ AKYTEEQIKI WFSAQRLKHG VSWTPEEVEE ARRKQFNGTV</p> <p>HTVPQTITVI PTHISTGSNG LPSILQTCQI VGQPGLVLTQ VAGTNTLPVT APIALTVAGV</p> <p>PSQNNIQKSQ VPAAQPTAET KPATAAVPTS QSVKHETALV NPDSFGIRAK KTKEQLAELK</p> <p>VSYLKNQFPH DSEIIRLMKI TGLTKGEIKK WFSQTRYNQR NSKSNQCLHL NNDSSSTIII</p> <p>DSSDETTEP TVGTAQPKQS WNPFPDFTPQ KFKEKTAEQL RVLQASFLNS SVLTDEELNR</p> <p>LRAQTKLTRR EIDAWFTEKK KSKALKEEKM EIDESNAGSS KEEAGETSPA DESGAPKSGS</p> |

TGKICKKTPE QLHMLKSAFV RTQWPSPEEY DKLAKESGLA RTDIVSWFGD TRYAWKNGNL
KWWYYYQSAN SSSMNGLSSL RKRGRGRPKG RGRGRPRGRP RGSKRINNWD RGPSLIKFKT
GTAILKDYYL KHKFLNEQDL DELVNKSHMG YEQVREWFAE RQRRSELGIE LFEENEEDEE
VIDDQEEDEE ETDDSDTWEP PRHVKRKLSK SDD **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:

ZHX1

Alternative Name:

ZHX1 ([ZHX1 Products](#))

Background:

Zinc fingers and homeoboxes protein 1,FUNCTION: Acts as a transcriptional repressor. Increases DNMT3B-mediated repressive transcriptional activity when DNMT3B is tethered to DNA. May link molecule between DNMT3B and other co-repressor proteins. {ECO:0000269|PubMed:12237128}.

Molecular Weight:

98.1 kDa

Target Details

UniProt: [Q9UKY1](#)

Application Details

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|--------------------|--|
| 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

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|------------------|--|
| 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 |