

Datasheet for ABIN7556129
ZEB2 Protein (AA 1-1214) (His tag)



[Go to Product page](#)

Overview

Quantity:	1 mg
Target:	ZEB2
Protein Characteristics:	AA 1-1214
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This ZEB2 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant ZEB2 Protein expressed in mammalian cells.
Sequence:	MKQPIMADGP RCKRRKQANP RRKNVVNYDN VVDTGSETDE EDKLHIAEDD GIANPLDQET SPASVPNHES SPHVSQALLP REEEDEIRE GGVEHPWHNN EILQASVDGP EEMKEDYDTM GPEATIQTAI NNGTVKNANC TSDFEEYFAK RKLEERDGHV VSIEEYLQRS DTAIYPEAP EELSRLGTPE ANGQEENDLP PGTPDAFAQL LTCPCYCDRGY KRLTSLKEHI KYRHEKNEEN FSCPLCSYTF AYRTQLERHM VTHKPGTDQH QMLTQGAGNR KFKCTECGKA FKYKHHLKEH LRIHSGEKPY ECPNCKRFS HSGSYSSHIS SKKCIGLISV NGRMRNNIKT GSSPNSVSSS PTNSAITQLR NKLENGKPLS MSEQTGLLKI KTEPLDFNDY KVL MATHGFS GTSPFMNGGL GATSPLGVHP SAQSPMQHLG VGMEAPLLGF PTMNSNLSEV QKVLQIVDNT VSRQKMDCKA EEISKLGKYH MKDPCSQPEE QGVTSPNIPP VGLPVVSHNG ATKSIIDYTL EKVNEAKACL QSLTTDSRRQ ISNIKKEKLR TLIDLVTDDK MIENHNISTP FSCQFCKESF PGPIPLHQHE RYLCKMNEEI KAVLQPHENI VPNKAGVFVD NKALLSSVL SEKGMTSPIN PYKDHMSVLK AYYAMNMEPN SDELLKISIA VGLPQEFVKE WFEQRKVYQY SNSRSPSLER SSKPLAPNSN

Product Details

PPTKDSLLPR SPVKPMSIT SPSIAELHNS VTNCDPPLRL TKPSHFTNIK PVEKLDHSRS
NTPSPLNLSS TSSKNSHSSS YTPNSFSSEE LQAEPLDLSL PKQMKEPKSI IATKNKTKAS
SISLDHNSVS SSENSDEPL NLTFIKKEFS NSNNLDNKST NPVFSMNPFS AKPLYTALPP
QSAFPATFM PPVQTSIPGL RPYPGLDQMS FLPHMAYTYP TGAATFADMQ QRRKYQRKQG
FQGELLDGAQ DYMSGLEDDMT DSDSCLSRKK IKKTESGMYA CDLCDKTFQK SSSLLRHKYE
HTGKRPHQCQ ICKKAFKHKH HLIHESRLHS GEKPYQCDCG KKRFSHSGSY SQHMNHRYSY
CKREAEEEA AEREAREKGH LEPTTELLMNR AYLQSIPTQG YSDSEERESM PRDGESEKEH
EKEGEDGYGK LGRQDGDEEF EEEEESEENK SMDTDPETIR DEEETGDHSM DDSSSEDGKME
TKSDHEEDNM EDGM **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: ZEB2

Alternative Name: ZEB2 ([ZEB2 Products](#))

Target Details

Background: Zinc finger E-box-binding homeobox 2 (Smad-interacting protein 1) (SMADIP1) (Zinc finger homeobox protein 1b),FUNCTION: Transcriptional inhibitor that binds to DNA sequence 5'-CACCT-3' in different promoters (PubMed:16061479, PubMed:20516212). Represses transcription of E-cadherin (PubMed:16061479). Represses expression of MEOX2 (PubMed:20516212). {ECO:0000269|PubMed:16061479, ECO:0000269|PubMed:20516212}.

Molecular Weight: 136.4 kDa

UniProt: [O60315](#)

Pathways: [Tube Formation](#)

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