

Datasheet for ABIN7556151
ZMIZ1 Protein (AA 1-1067) (His tag)



[Go to Product page](#)

Overview

Quantity:	1 mg
Target:	ZMIZ1
Protein Characteristics:	AA 1-1067
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This ZMIZ1 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant ZMIZ1 Protein expressed in mammalian cells.
Sequence:	<p>MNSMDRHIQQ TNDRLQCIKQ HLQNPANFHN AATELLDWCG DPRAFQRPFE QSLMGCLTVV SRVAAQQGFD LDLGYRLLAV CAANRDKFTP KSAALLSSWC EELGRLLLLR HQKSRQSDPP GKLPMQPPLS SMSSMKPTLS HSDGSFPYDS VPWQQNTNQP PGSLSVTTV WGVNTNTSQSQ VLGNPMANAN NPMNPGGNPM ASGMTTSNPG LNSPQFAGQQ QQFSAKAGPA QPYIQQSMYG RPNYPGSGGF GASYPGGPNA PAGMGIPPHT RPPADFTQPA AAAAAA AVAA AAATATATAT ATVAALQETQ NKDINQYGPM GPTQAYNSQF MNQPGPRGPA SMGGSMNPAS MAAGMTPSGM SGPPMGMNQP RPPGISPFGT HGQRMPQQT Y PGPRPQSLPI QNIKRPYPGE PNYGNQYQGP NSQFPTQPGQ YPAPNPPRPL TSPNYPGQRM PSQPSSGQYP PPTVNMGYQY KPEQFNGQNN TFSGSSYSNY SQGNVNRPPR PVPVANYPHS PVPGNPTPPM TPGSSIPPYL SPSQDVKPPF PPDIKPNMSA LPPPPANHND ELRLTFPVRD GVVLEPFRLE HNLAVSNHVF HLRPTVHQTL MWRSDLELQF KCYHHEDRQM NTNWPASVQV SVNATPLTIE RGDNKTSHKP LHLKHVCQPG RNTIQITVTA CCCSHLFVLQ LVHRPSVRSV LQGLLKKRLL PAEHCITKIK RNFSSVAASS</p>

Product Details

GNTTLNGEDG VEQTAIKVSL KCPITFRRIQ LPARGHDCKH VQCFDLESYL QLNCERTWR
CPVCNKTALL EGLEVDQYMW GILNAIQHSE FEEVTIDPTC SWRPVPIKSD LHIKDDPDGI
PSKRFKTMSP SQMIMPNVME MIAALGPGPS PYLPPPPGG TNSNDYSSQG NNYQGHGNFD
FPHGNPGGTS MNDFMHGPPQ LSHPPDMPNN MAALEKPLSH PMQETMPHAG SSDQPHPSIQ
QGLHVPHPS QSGPPLHHSQ APPPPPSQPP RQPPQAAPSS HPHSDLTFNP SSALEGQAGA
QGASDMPEPS LDLLPELTNP DELLSYLDPP DLPSNSNDDL LSLFENN **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: ZMIZ1

Alternative Name: ZMIZ1 ([ZMIZ1 Products](#))

Background: Zinc finger MIZ domain-containing protein 1 (PIAS-like protein Zimp10) (Retinoic acid-induced protein 17),FUNCTION: Acts as a transcriptional coactivator. Increases ligand-dependent

Target Details

transcriptional activity of AR and promotes AR sumoylation. The stimulation of AR activity is dependent upon sumoylation (PubMed:14609956, PubMed:26522984). Also functions as a transcriptional coactivator in the TGF-beta signaling pathway by increasing the activity of the SMAD3/SMAD4 transcriptional complex (PubMed:16777850). Involved in transcriptional activation of a subset of NOTCH1 target genes including MYC. Involved in thymocyte and T cell development (By similarity). Involved in the regulation of postmitotic positioning of pyramidal neurons in the developing cerebral cortex (PubMed:30639322).

{ECO:0000250|UniProtKB:Q6P1E1, ECO:0000269|PubMed:14609956, ECO:0000269|PubMed:16777850, ECO:0000269|PubMed:26522984, ECO:0000269|PubMed:30639322}.

Molecular Weight: 115.5 kDa

UniProt: [Q9ULJ6](#)

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