Datasheet for ABIN7556078

ZNF335 Protein (AA 1-1342) (His tag)

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Overview

Quantity:	1 mg
Target:	ZNF335
Protein Characteristics:	AA 1-1342
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This ZNF335 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant ZNF335 Protein expressed in mammalian cells.
Sequence:	MEENEVESSS DAAPGPGRPE EPSESGLGVG TSEAVSADSS DAAAAPGQAE ADDSGVGQSS DRGSRSQEEV SESSSSADPL PNSYLPDSSS VSHGPVAGVT GGPPALVHSS ALPDPNMLVS DCTASSSDLG SAIDKIIEST IGPDLIQNCI TVTSAEDGGA ETTRYLILQG PDDGAPMTSP MSSSTLAHSL AAIEALADGP TSTSTCLEAQ GGPSSPVQLP PASGAEEPDL QSLEAMMEVV VVQQFKCKMC QYRSSTKATL LRHMRERHFR PVAAAAAAAG KKGRLRKWST STKSQEEEGP EEEDDDDIVD AGAIDDLEED SDYNPAEDEP RGRQLRLQRP TPSTPRPRRR PGRPRKLPRL EISDLPDGVE GEPLVSSQSG QSPPEPQDPE APSSSGPGHL VAMGKVSRTP VEAGVSQSDA ENAAPSCPDE HDTLPRRRGR PSRRFLGKKY RKYYYKSPKP LLRPFLCRIC GSRFLSHEDL RFHVNSHEAG DPQLFKCLQC SYRSRRWSSL KEHMFNHVGS KPYKCDECSY TSVYRKDVIR HAAVHSRDRK KRPDPTPKLS SFPCPVCGRV YPMQKRLTQH MKTHSTEKPH MCDKCGKSFK KRYTFKMHLL THIQAVANRR FKCEFCEFVC EDKKALLNHQ LSHVSDKPFK CSFCPYRTFR EDFLLSHVAV KHTGAKPFAC EYCHFSTRHK KNLRLHVRCR HASSFEEWGR RHPEEPPSRR

	RPFFSLQQIE ELKQQHSAAP GPPPSSPGPP EIPPEATTFQ SSEAPSLLCS DTLGGATIIY QQGAEESTAM ATQTALDLLL NMSAQRELGG TALQVAVVKS EDVEAGLASP GGQPSPEGAT PQVVTLHVAE PGGGAAAESQ LGPPDLPQIT LAPGPFGGTG YSVITAPPME EGTSAPGTPY SEEPAGEAAQ AVVVSDTLKE AGTHYIMATD GTQLHHIELT ADGSISFPSP DALASGAKWP LLQCGGLPRD GPEPPSPAKT HCVGDSQSSA SSPPATSKAL GLAVPPSPPS AATAASKKFS CKICAEAFPG RAEMESHKRA HAGPGAFKCP DCPFSARQWP EVRAHMAQHS SLRPHQCSQC SFASKNKKDL RRHMLTHTKE KPFACHLCGQ RFNRNGHLKF HIQRLHSPDG RKSGTPTARA PTQTPTQTII LNSDDETLAT LHTALQSSHG VLGPERLQQA LSQEHIIVAQ EQTVTNQEEA AYIQEITTAD GQTVQHLVTS DNQVQYIISQ DGVQHLLPQE YVVVPEGHHI QVQEGQITHI QYEQGAPFLQ ESQIQYVPVS PGQQLVTQAQ LEAAAHSAVT AVADAAMAQA QGLFGTDETV PEHIQQLQHQ GIEYDVITLA DD **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:	ZNF335
Alternative Name:	ZNF335 (ZNF335 Products)
Background:	Zinc finger protein 335 (NRC-interacting factor 1) (NIF-1),FUNCTION: Component or associated component of some histone methyltransferase complexes may regulate transcription through recruitment of those complexes on gene promoters (PubMed:19131338, PubMed:23178126). Enhances ligand-dependent transcriptional activation by nuclear hormone receptors (PubMed:12215545, PubMed:18180299, PubMed:19131338). Plays an important role in neural progenitor cell proliferation and self-renewal through the regulation of specific genes involved brain development, including REST (PubMed:23178126). Also controls the expression of genes involved in somatic development and regulates, for instance, lymphoblast proliferation (PubMed:23178126). {ECO:0000269|PubMed:12215545, ECO:0000269|PubMed:18180299, ECO:0000269|PubMed:19131338, ECO:0000269|PubMed:23178126}.
Molecular Weight:	144.9 kDa
UniProt:	Q9H4Z2

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