Datasheet for ABIN7556071

Znf423 Protein (AA 1-1284) (His tag)

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Overview

Quantity:	1 mg
Target:	Znf423
Protein Characteristics:	AA 1-1284
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This Znf423 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant ZNF423 Protein expressed in mammalian cells.
Sequence:	MHKKRVEEGE ASDFSLAWDS SVTAAGGLEG EPECDQKTSR ALEDRNSVTS QEERNEDDED MEDESIYTCD HCQQDFESLA DLTDHRAHRC PGDGDDDPQL SWVASSPSSK DVASPTQMIG DGCDLGLGEE EGGTGLPYPC QFCDKSFIRL SYLKRHEQIH SDKLPFKCTY CSRLFKHKRS RDRHIKLHTG DKKYHCHECE AAFSRSDHLK IHLKTHSSSK PFKCTVCKRG FSSTSSLQSH MQAHKKNKEH LAKSEKEAKK DDFMCDYCED TFSQTEELEK HVLTRHPQLS EKADLQCIHC PEVFVDENTL LAHIHQAHAN QKHKCPMCPE QFSSVEGVYC HLDSHRQPDS SNHSVSPDPV LGSVASMSSA TPDSSASVER GSTPDSTLKP LRGQKKMRDD GQGWTKVVYS CPYCSKRDFN SLAVLEIHLK TIHADKPQQS HTCQICLDSM PTLYNLNEHV RKLHKNHAYP VMQFGNISAF HCNYCPEMFA DINSLQEHIR VSHCGPNANP SDGNNAFFCN QCSMGFLTES SLTEHIQQAH CSVGSAKLES PVVQPTQSFM EVYSCPYCTN SPIFGSILKL TKHIKENHKN IPLAHSKKSK AEQSPVSSDV EVSSPKRQRL SASANSISNG EYPCNQCDLK FSNFESFQTH LKLHLELLLR KQACPQCKED FDSQESLLQH LTVHYMTTST HYVCESCDKQ FSSVDDLQKH LLDMHTFVLY

Product Details

	HCTLCQEVFD SKVSIQVHLA VKHSNEKKMY RCTACNWDFR KEADLQVHVK HSHLGNPAKA HKCIFCGETF STEVELQCHI TTHSKKYNCK FCSKAFHAII LLEKHLREKH CVFDAATENG TANGVPPMAT KKAEPADLQG MLLKNPEAPN SHEASEDDVD ASEPMYGCDI CGAAYTMEVL LQNHRLRDHN IRPGEDDGSR KKAEFIKGSH KCNVCSRTFF SENGLREHLQ THRGPAKHYM CPICGERFPS LLTLTEHKVT HSKSLDTGTC RICKMPLQSE EEFIEHCQMH PDLRNSLTGF RCVVCMQTVT STLELKIHGT FHMQKLAGSS AASSPNGQGL QKLYKCALCL KEFRSKQDLV KLDVNGLPYG LCAGCMARSA NGQVGGLAPP EPADRPCAGL RCPECSVKFE SAEDLESHMQ VDHRDLTPET SGPRKGTQTS PVPRKKTYQC IKCQMTFENE REIQIHVANH MIEEGINHEC KLCNQMFDSP AKLLCHLIEH SFEGMGGTFK CPVCFTVFVQ ANKLQQHIFA VHGQEDKIYD CSQCPQKFFF QTELQNHTMS QHAQ **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:	Znf423

Target Details

Alternative Name:	ZNF423 (Znf423 Products)
Background:	Zinc finger protein 423 (Olf1/EBF-associated zinc finger protein) (hOAZ) (Smad- and Olf-interacting zinc finger protein),FUNCTION: Transcription factor that can both act as an activator or a repressor depending on the context. Plays a central role in BMP signaling and olfactory neurogenesis. Associates with SMADs in response to BMP2 leading to activate transcription of BMP target genes. Acts as a transcriptional repressor via its interaction with EBF1, a transcription factor involved in terminal olfactory receptor neurons differentiation, this interaction preventing EBF1 to bind DNA and activate olfactory-specific genes. Involved in olfactory neurogenesis by participating in a developmental switch that regulates the transition from differentiation to maturation in olfactory receptor neurons. Controls proliferation and differentiation of neural precursors in cerebellar vermis formation. {ECO:0000269|PubMed:10660046}.
Molecular Weight:	144.6 kDa
UniProt:	Q2M1K9

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