

Datasheet for ABIN7545311
ZNF219 Protein (AA 1-722) (His tag)



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Overview

Quantity:	1 mg
Target:	ZNF219
Protein Characteristics:	AA 1-722
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This ZNF219 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant ZNF219 Protein expressed in mammalian cells.
Sequence:	MEGSRPRAPS GHLAPSPPAF DGELDLQRYNS NGPAVSAGSL GMGAVSWSES RAGERRFPCP VCGKRFRFNS ILALHLRAHP GAQAFQCPHC GHRAAQRALL RSHLRTHQPE RPRSPAARLL LELEERALLR EARLGRARSS GGMQATPATE GLARPQAPSS SAFRCYPYCKG KFRTSAERER HLHILHRPWK CGLCSFGSSQ EEELLHHS�T AHGAPERPLA ATSAAPPPQP QPQPPPQPEP RSVPQPEPEP EPEREATPTP APAAPEEPPA PPEFRCQVCG QSFTQSWFLK GHMRKHKASF DHACPVCGRC FKEPWFLKNH MKVHASKLGP LRAPGPASGP ARAPQPPDLG LLAYEPLGPA LLLAPAPTPA ERREPPSLLG YLSLRAGEGR PNGEGAEPGP GRSFGGFRPL SSALPARARR HRAEPEEEEE EVVEAEEETW ARGRSLGSLA SLHPRPGE GP GHSASAAGA Q ARSTATQEN GLLVGGTRPE GGRGATGKDC PFCGKSFRSA HHLKVHLRVH TGERPYKCPH CDYAGTQSGS LKYHLQRHHR EQRSGAGPGP PPEPPPPSQR GSAPQSGAKP SPQPATWVEG ASSPRPPSSG AGPGSRRKPA SPGRTLNRGR GGEAEPLDLS LRAGPGGEAG PGGALHRCLF CPFATGAPEL MALHLQVHHS RRARGRRPPQ ADASPPYARV PSGETPPSPS QEGEEGSGLS RPGEAGLGGQ ER

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: ZNF219

Alternative Name: ZNF219 ([ZNF219 Products](#))

Background: Zinc finger protein 219,FUNCTION: Transcriptional regulator (PubMed:14621294, PubMed:19549071). Recognizes and binds 2 copies of the core DNA sequence motif 5'-GGGGG-3' (PubMed:14621294). Binds to the HMGN1 promoter and may repress HMGN1 expression (PubMed:14621294). Regulates SNCA expression in primary cortical neurons (PubMed:19549071). Binds to the COL2A1 promoter and activates COL2A1 expression, as part of a complex with SOX9 (By similarity). Plays a role in chondrocyte differentiation (By similarity). {ECO:0000250|UniProtKB:Q6IQX8, ECO:0000269|PubMed:14621294, ECO:0000269|PubMed:19549071}.

Target Details

Molecular Weight: 76.9 kDa

UniProt: [Q9P2Y4](#)

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