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Datasheet for ABIN7552675

Basonuclin 2 Protein (BNC2) (AA 1-1099) (His tag)

Overview

Quantity:	1 mg
Target:	Basonuclin 2 (BNC2)
Protein Characteristics:	AA 1-1099
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This Basonuclin 2 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant BNC2 Protein expressed in mammalian cells.
Sequence:	MAHLGPTPPP HSLNYKSEDR LSEQDWPAYF KVPCCGVDTS QIESEEAQVD VRERETQRDR EPKRARDLTL RDSCTDNSMQ FGTRTTTAEP GFMGTWQNAD TNLLFRMSQQ AIRCTLVNCT CECFQPGKIN LRTCDQCKHG WVAHALDKLS TQHLYHPTQV EIVQSNVVFQ ISSLMLYGTQ AVPVRLKILL DRLFSVLKQE EVLHILHGLG WTLRDYVRGY ILQDAAGKVL DRWAIMSREE EIITLQQFLR FGETKSIVEL MAIQEKEGQA VAVPSSKTDS DIRTFIESNN RTRSPSLLAH LENSNPSSIH HFENIPNSLA FLLPFQYINP VSAPLLGLPP NGLLLEQPLG RLREPLSTQ NEYNESSESE VSPTPYKNDQ TPNRNALTSI TNVEPKTEPA CVSPIQNSAP VSDLTKTEHP KSSFRIHRMR RMGSASRKGR VFCNACGKTF YDKGTLKIHV NAVHLKIKHR CTIEGCNMVF SSLRSRNRHS ANPNPRLHMP MLRNNRDKDL IRATSGAATP VIASKSNLA LTSPGRPPMG FTTPPLDPVL QNPLPSQLVF SGLKTVQVP PFYRSLTTPG EMVSPPTSLP TSPIIPTSGT IEQHPPPPSE PVVPAVMMAT HEPHADLAPK KKPRKSSMPV KIEKEIDTA DEFDEDEDDP NDGGAVVNDM SHDNHCHSQE EMSPGMSVKD FSKHNRTRCI SRTEIRRADSD MTSEDQEPER

Product Details

DYENESESSE PKLGEESMEG DEHIHSEVSE KVLMSNSERPD ENHSEPSHQD VIKVKEEFTD
PTYDMFYMSQ YGLYNGGGAS MAALHESFTS SLNYGSPQKF SPEGDLCSSP DPKICYVCKK
SFKSSYSVKL HYRNVHLKEM HVCTVAGCNA AFPSRRSRDR HSANINLHRK LLTKELDDMG
LDSSQPSSK DLRDEFLVKI YGAQHPMGLD VREDASSPAG TEDSHLNGYG RGMAEDYML
DLSTTSSLQS SSSIHSSRES DAGSDEGILL DDIDGASDSG ESAHKAEAPA LPGSLGAEVS
GSLMFSSLSG SNGGIMCNIC HKMYSNKGTL RVHYKTVHLR EMHKCKVPGC NMMFSSVRSR
NRHSQNPNLH KNIPFTSVD **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: Basonuclin 2 (BNC2)

Alternative Name: BNC2 ([BNC2 Products](#))

Background: Zinc finger protein basonuclin-2,FUNCTION: Probable transcription factor specific for skin keratinocytes. May play a role in the differentiation of spermatozoa and oocytes

Target Details

(PubMed:14988505). May also play an important role in early urinary-tract development (PubMed:31051115). {ECO:0000269|PubMed:14988505, ECO:0000269|PubMed:31051115}.

Molecular Weight: 122.3 kDa

UniProt: [Q6ZN30](#)

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