

Datasheet for ABIN7552032
ADNP2 Protein (AA 1-1131) (His tag)



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Overview

Quantity:	1 mg
Target:	ADNP2
Protein Characteristics:	AA 1-1131
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This ADNP2 protein is labelled with His tag.
Application:	SDS-PAGE (SDS), Western Blotting (WB)

Product Details

Purpose:	Custom-made recombinat ADNP2 Protein expressed in mammalian cells.
Sequence:	MFQIPVENLD NIRKVRKKVK GILVDIGLDS CKELLKDLKG FDPGEKYFHN TSWG DVSLWE PSGKKVRYRT KPYCCGLCKY STKVLTSFKN HLHRYHEDEI DQELVIPCPN CVFASQPKVV GRHFRMFHAP VRKVQNYTVN ILGETKSSRS DVISFTCLKC NFSNTLYYSM KKHVLVAHFH YLINSYFGLR TEEMGEQPKT NDTVSIKIP PPKYYCKKC NANASSQDAL MYHILTSDIH RDLENKLRV ISEHIKRTGL LKQTHIAPK AHAAPANG SAPSAPAQPP CFHLALPQNS PSPAAGQPVT VAQGAPGSLT HSPPAAGQSH MTLVSSPLPV GQNSLTQPP APQPVFLSHG VPLHQSVNPP VLPLSQPVGP VNKSVGTSVL PINQTVRPGV LPLTQVGPV NRPVGPVGLP VSPSVTPGVL QAVSPGVLV SRAVPSGVLP AGQMTPAGQM TPAGVIPGQT ATSGVLPTGQ MVQSGVLPVQ QTAPSRVLPV GQTAPLRVIS AGQVVPVSGLL SPNQTVSSSA VVPVNVQGVNS GVLQLSQPVV SGVLPVGPV RQVLPVLPV VGTNLPVNV PVRPGASQNT TFLTSGSILR QLIPTGKQVN GIPTYTLAPV SVTLPPVPPGG LATVAPPQMP IQLLPSGAAA PMAGSMPGMP

Product Details

SPPVLVNAAQ SVFVQASSSA ADTNQVLKQA KQWKTCPVCN ELFPSNVYQV HMEVAHKHSE
SKSGEKLEPE KLAACAPFLK WMREKTVRCL SCKCLVSEEE LIHHLLMHGL GCLFCPCTFH
DIKGLSEHSR NRHLGKKKLP MDYSNRGFQL DVDANGNLLF PHLDFITILP KEKLGEREVY
LAILAGIHSK SLVPVYVKVR PQAEGTPGST GKRVSTCPFC FGPFVTTEAY ELHLKERHHI
MPTVHTVLKS PAFKCIHCCG VYTGNMTLAA IAVHLVRCRS APKDSSSDLQ AQPFGFIHNSE
LLLVSGEVMH DSSFVVKRKL PDGHLGAEDQ RHGEEQPIL NADAAPGPEK VTSVVPFKRQ
RNESRTEGPI VKDEALQILA LDPKKYEGRS YEEKKQFLKD YFHKKPYPSK KEIELLSSLF
WWWKIDVASF FGKRRYICMK AIKNHKPSVL LGFDMSELKN VKHRLNFEYE P **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.**

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, Western Blot

Grade:

custom-made

Target Details

Target:

ADNP2

Alternative Name:

ADNP2 ([ADNP2 Products](#))

Background:

Activity-dependent neuroprotector homeobox protein 2 (ADNP homeobox protein 2) (Zinc finger protein 508),FUNCTION: May be involved in transcriptional regulation. May play a role in

Target Details

neuronal function, perhaps involved in protection of brain tissues from oxidative stress. May be involved in erythroid differentiation (By similarity). {ECO:0000250|UniProtKB:Q8CHC8}.

Molecular Weight: 122.8 kDa

UniProt: [Q6IQ32](#)

Application Details

Application Notes: In addition to the applications listed above we expect the protein to work for functional studies as well. 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