

Datasheet for ABIN7564581  
**ADNP2 Protein (AA 1-1165) (His tag)**



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## Overview

Quantity:	1 mg
Target:	ADNP2
Protein Characteristics:	AA 1-1165
Origin:	Mouse
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 mammalien cells.
Sequence:	<p>MFQIPVQNLD NIRKVRKRVK GILVDIGLDS CKELMKDLKS FDPGEKYFYN TSWG DVSPWE          PSGKKARYRT KPYCCSLCRY STKVL TSLKN HLHRYHEDEA DQELMIPC PN CPFSSQPRVV          GKHF RMFHAP ARKVQSYTVN ILGETKTSRS DVISFTCLKC NFSNTLYYSM KKHVLVAHFN          YLINSYFGLR TEETGEQPKA SDPVSVDKIL PFDKYYCKKC SAIASSQDAL MYHILTSDAH          RDLENKLR SV ISEHIKRTGF LKQMHIAPKP VTHLALPPNS SAPSIAAPPP CFQLALPQNS          QSSGTVQS VT VTPGTSGSLT HSPPTTAQSH VALVSSSLPV CQSSLSLQQS APPPVFLSHS          VALNQP VNTA VLPLTQP VGP VNKSVGTSIL PVNQAMCSVN QAVRPGLLPL TKPMGPMNRP          VGPAVLP MGP SVNSGVLQAT SPGVISVGRA VPSGVL PAGQ VTPAGVIPGQ TATSGVLPTG          QVVQSSTLPV GQTAPSRGLP PGQTVPLRVL PAGQVPSGL LSSNQTVP SG VVPVNQGVNS          GVLQLGQPVT PGVLPVGP PV RPGLVQLSPS VSTSILPMSQ PVRAGTSQNT TFFTSGSILR          QL IPTGKQVN GIPTYTLAPV SVTLPVPSGG GLAAVGPPPQ VPVQFLPSGS GTQMGSLLPS</p>

## Product Details

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LPSPQVLVSP APSVQVQATP PLADANQALK QAKQWKTCPV CNELFPSNVY QVHMEVAHKQ  
SEAQLCQVCN ELFPANVYQV HMEVAHKQSE SKSSEKLEPE KLAACAPFLK WMREKTVRCL  
SCKCLVSQEE LMHHLLMHGL GCLFCPCTFH DVRGLVEHSR TKHLGKKRSL MDYSNRGFQL  
DLDANGNLLF PHLDFITILP REKLGEREVY LAILAGIHSK SLVPVYVKVR PQPEVAPKIP  
NKQKLTCPFC LSTFMTADAY ELHLKERHHV MPTVHTMLRS PAFKCIHCCG VYTGNTLGA  
IAVHLLRCRS APKSSSDLQ VQPGFIESSE LLMVNGDVIP ESTFPVKRKL PEGHLGPEDQ  
RDGEEPQLTL DADASSGSEK GLGAVPLKRQ KSEIRTEGSG PSEDSLQALA LDPSKYEGRS  
YEEKKQFLRD YFHRRPYPSR KEVELLSSLL WWWKIDVASF FGKRRYICMK AIKTHKPSVL  
LGFDMSELKN VKHRLNFGEC ESQKL **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.**

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### 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.

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### Purity:

> 90 % as determined by Bis-Tris Page, Western Blot

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### Grade:

custom-made

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## Target Details

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### Target:

ADNP2

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### Alternative Name:

Adnp2 ([ADNP2 Products](#))

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### Background:

Activity-dependent neuroprotector homeobox protein 2 (ADNP homeobox protein 2) (Zinc finger protein 508),FUNCTION: May be involved in transcriptional regulation (PubMed:23071114). May

## Target Details

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play a role in neuronal function, perhaps involved in protection of brain tissues from oxidative stress (PubMed:18179478). May be involved in erythroid differentiation (PubMed:23071114). {ECO:0000269|PubMed:18179478, ECO:0000269|PubMed:23071114}.

Molecular Weight: 126.8 kDa

UniProt: [Q8CHC8](#)

## Application Details

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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

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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