

Datasheet for ABIN7553694
DIP2B Protein (AA 1-1576) (His tag)



[Go to Product page](#)

Overview

Quantity:	1 mg
Target:	DIP2B
Protein Characteristics:	AA 1-1576
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This DIP2B protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant DIP2B Protein expressed in mammalian cells.
Sequence:	MAERGLEPSP AAVAALPPEV RAQLAELELE LSEGDIQKG YEKKRSKLLS PYSPTQETD SAVQKELRNQ TPAPSAAQTS APSKYHRTRS GGARDERYRS DIHTEAVQAA LAKHKEQKMA LPMPTKRRST FVQSPADACT PPDTSASED EGSLRRQAAL SAALQQSLQN AESWINRSIQ GSSTSSSASS TLSHGEVKGT SGSLADVFN TRIENFSAPP DVTTTTSSSS SSSSIRPANI DLPPSGIVKG MHKGSNRSSL MDTADGVPVS SRVSTKIQL LNTLKRKRP PLKEFFVDDS EEIVEVPQPD PNQPKPEGRQ MTPVKGEPLG VICNWPPALE SALQRWGTTQ AKCSCLTALD MTGKPVYTLT YGKLWSRSLK LAYTLLNKLK TKNPVLKPG DRVALVYPNN DPVMFMVAFY GCLLAEVIPV PIEVPLTRKD AGGQQIGFLL GSCGIALALT SEVCLKGLPK TQNGEIVQFK GWPRLKWVVT DSKYLSKPPK DWQPHISPAG TEPAYIEYKT SKEGSVMGVT VSRLAMLSHC QALSQACNYS EGETIVNVDL FKKDAGLWHG MFANVMNKMV TISVPYSVMK TCPLSWVQRV HAHKAKVALV KCRDLHWAMM AHRDQRDVS LSSLRMLIVTD GANPWSVSS DAFLSLFQSH GLKPEAICPC ATSAEAMTVA IRRPGVPGAP LPGRILSMN GLSYGVIRVN TEDKNSALTV

QDVGHVMPGG MMCIVKPDGP PQLCKTDEIG EICVSSRTGG MMYFGLAGVT KNTFEVIPVN
SAGSPVGDVP FIRSGLLGFV GPGSLVFVVG KMDGLLMVSG RRHNADDIVA TGLAVESIKT
VYRGRIAVFS VSVFYDERIV VVAEQRPDAS EEDSFQWMSR VLQAIDSIHQ VGVYCLALVP
ANTLPKTPLG GIHSQTKQL FLEGLHPCN ILMCPHTCVT NLPKPRQKQP GVGASVMVG
NLVAGKRIAQ AAGRDLGQIE ENDLVRKHQF LAELQWRAQ ATPDHVLFML LNAKGTTVCT
ASCLQLHKRA ERIASVLGDK GHLNAGDNVV LLYPPGIELI AAFYGCLYAG CIPVTVRPPH
AQNLTATLPT VRMIVDVSKA ACILTSQTLN RLLRSREAAA AVDVKTWPTI IDTDDLPRKR
LPQLYKPPTP EMLAYLDFSV STTGMLTGVK MSHSAVNALC RAIKLQCELY SSRQIAICLD
PYCGLGFALW CLCSVYSGHQ SVLIPPMELE NNLFLWLSTV NQYKIRDTCF SYSVMELCTK
GLGNQVEVLK TRGINLSCVR TCVVVAERP RVALQQSFSK LFKDIGLSPR AVSTTFGSRV
NVAICLQGTS GPDPTTVYVD LKSLRHDRVR LVERGAPQSL LLESESGILP GVKVIVNPE
TKGPVGDSHL GEIWWNSPHT ASGYTYIDS ETLQADHFNT RLSFGDAAQT LWARTGYLGF
VRRTELTAAT GERHDALYVV GALDELELR GLRYHPIDIE TSVSRIHRSI AECAVFTWTN
LLVVVELCG SEQEALDLVP LVTNVVLEEH YLIVGVVVVV DPGVIPINSR GEKQRMHLRD
SFLADQLDPI YVAYNM **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)

Product Details

Grade: custom-made

Target Details

Target: DIP2B

Alternative Name: DIP2B ([DIP2B Products](#))

Background: Disco-interacting protein 2 homolog B (DIP2 homolog B),FUNCTION: Negatively regulates axonal outgrowth and is essential for normal synaptic transmission. Not required for regulation of axon polarity. Promotes acetylation of alpha-tubulin. {ECO:0000250|UniProtKB:Q3UH60}.

Molecular Weight: 171.5 kDa

UniProt: [Q9P265](#)

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