

[Go to Product page](#)

## Datasheet for ABIN7563713 **DIP2B Protein (AA 1-1574) (His tag)**

### Overview

Quantity:	1 mg
Target:	DIP2B
Protein Characteristics:	AA 1-1574
Origin:	Mouse
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 LSEGKITQKG YEKKRSKLLS PYSPTQETD SIGQKERNQT PAPTAAQTS A PSKYHRSRSG GARDERYRSD IHTAVQAAL AKHKEQKMAL PMPTKRRSTF VQSPADACTP PDTSSASEDE GSLRRQAALS AALQQLQNA ESWINRSIQG SSTSSSASST LSHGEVKGTS GSLADV FANT RIENVSAPPD VTATTSSSSS SLRPANIDL P PSGIVKGMHK GSNRSSLMDT ADGVPVNSRV STKIQLLNT LKRPKRPPLK EFFVDDSEEI VEGIPQDPN QPKPEGRQMT PVKGEPLGVI CNWPPALESA LQRWGSTQAK CPCLTGLDVT GKPVYTLTYG KLWSRSLKLA YTLNKLGTK NEPVLPKGD R VALVYPNNDP VMFMVAFYGC LLAEVIPVPI EVPLTRKDAG GQIGFLLGS CGIALALTSE ICLKGLPKTQ NGEIVQFKGW PRLKVVVTD S KYLSKPPKDW QPHISPAGTE PAYIEYKTSK EGSVMGVTVS RLAMLSQCQA LSQACNYSEG ETVVNVLDFK KDAGLWHGMF ANVMNKMHTI SVPYSVMKTC PLSWVQRVHA HKAKVALVKC RDLHWAMMAH RDQRDVSLSS LRMLIVTDGA NPWSVSSCDA FLSLFQSHGL KPEAICPCAT SAEAMTVAIR RPGVPGAPLP GRILSMNGL SYGVIRVNTE DKNSALTVQD

VGHVMPGGMM CIVKPDGLPQ LCRTDEIGEI CVSSRTGGMM YFGLAGVTKN TFEVIPVTSS  
GSPVGDVPFI RSGLLGFVGP GSLVFVVGKM DGLLMVSGRR HNADDIVATG LAVESIKTVY  
RGRIAVFSVS VFYDERIVVV AEQRPDASEE DSFQWMSRVL QAIDSIHQVG VYCLALVPAN  
TLPKTPLGGI HISQTKQLFL EGSLHPCNIL MCPHTCVTNL PKPRQKQPGV GPASVMVGNL  
VAGKRIAQAA GRDLGQIEEN DLVRKHQFLA EILQWRAQAT PDHVLFMLLN AKGTTVCTAS  
CLQLHKRAER IASVLGDKGH LNAGDNVLL YPPGIELIAA FYGCLYAGCI PVTVRPPHAQ  
NLTATLPTVR MVVDVSKAAC VLTTQTLMRL LKSREAAA V DVKTPAID TDDLPRKRLP  
QLYKPPTPEM LAYLDFSVST TGMLTGVKMS HSAVNALCRA IKLQCELYSS RQIAICLPY  
CGLGFALWCL CSVYSGHQSV LIPPMELENN LFLWLATVNQ YKIRDTFCSY SVMELCTKGL  
GNQVEVLKTR GINLSCIRTC VVAEERPRV SLQQSFSKLF KDIGLSPRAV STTFGSRVNV  
AICLQGTSGP DPTTVYVDLK SLRHDRVRLV ERGAPQSLLL SESGILPGV KVVIVNPETK  
GPVGDSHLGE IWWNSPHTAS GYYTIYDSET LQADHFNTRL SFGDAAQTLW ARTGYLGFVR  
RTELTAAATGE RHDALYVGA LDETLELRGL RYHPIDIETS VSRVHRSIAE CAVFTWTNLL  
VVVVELCGSE QEALDLVPLV TNVVLEEHL IVGVVVVDP GVVPINSRGE KQRMHLRDSF  
LADQLDPIYV AYNM **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 (PubMed:32153366). Not required for regulation of axon polarity (PubMed:32153366). Promotes acetylation of alpha-tubulin (PubMed:32153366). {ECO:0000269|PubMed:32153366}.

Molecular Weight: 171.1 kDa

UniProt: [Q3UH60](#)

## 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