

Datasheet for ABIN7563698

**DENND4B Protein (AA 1-1499) (His tag)**[Go to Product page](#)

## Overview

Quantity:	1 mg
Target:	DENND4B
Protein Characteristics:	AA 1-1499
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This DENND4B protein is labelled with His tag.

## Product Details

Purpose:	Custom-made recombinant Dennd4b Protein expressed in mammalian cells.
Sequence:	MAEERPPRLV DYFVVAGLAG NGAPIPEEKW VPEPTGPLRP PRPAEPITDV AVIARALGEE VPQGYTCIQT SAGGHPLELS AGLLGQTQPV ICYRRGRDKP PLVELGVLYE GKERPCLGFQ VLDTTPYSHS ANLAPPGPGH PRTYLMYRRA AEGAGLHALG ITDLCLVLPS KEGTPTHYTC RLPRNLNPGM WGPAVYLCYK VGLAKANTLV YEAELGGRYP EEDNEAFPLP ESPVPFCLPM GATIECWPAQ TKYPVPVFST FVLTGAAGDK VYGAALQFYE AFPRARLSER QARALGLMSA VERGRALGGR AVRSRRAIAV LSRWPAFPAP RAFLTFLYRY SVSGPHRLPL EAHISHFIHN VFPSPQRPR ILVQMSPYDN LLLCQPVSPP LPLSGASFLQ LLQNLGPELA ITLLAVLTE HKLLVHSLRP DLLTSVCEAL VSMIFPLHWQ CPYIPLCPLV LADVLSAPVP FIVGIHSSYF DLHDPPADVI CVDLDTNTLF QKEEKKPLSA RTLPRRPYKL LLATLTSLYQ QLDQTYTGPE EEASLEFLT DYEAFCGRRT RLEREVQGAF LRFMACLLKG YRNFLRPLTQ APSEGSRDVD NLFYLQGFLK SRERSSHKLY SPLLHTQMFS QFIECSFGS ARHAALEFFD SCVDKVHPEQ EKPEPTPLVE LEELSGSELT VFITPPEEPP VLEGSESTPQ YCYDGFPELK AELFESPQEQ

QGALPVPGPS RSAPSSPAPR RTKQEMKVAQ RMAQKSATVP ELWARCLLGH CYGLWFLCLP  
AYVRSVPSRV RALHTAYHVL REMENRKVVL PDEVCYRVLM QLCSHYGQPV LSVRVMLEMR  
RAGIVPNTIT YGYYNKAVLE SKWPSGTPGG RLRWAKLRNV VLGAAQFRQP LKDRRQQQQQ  
QQQQQQKQQ VAEQQKSGSS QTEPYLERPS PTRPLQRQTT WAGRSLREPS SPMGRLVKSG  
SLGSARGTQP TVEAGVAHMI EALGVLEPRG SPVPWQDGS LSDLSTGEEM APGGSPGGSG  
SALSAQSTEAL LEGISGRGSK TSGCQEEVGT PRKGLGARLQ QLLTPSRRAS ASRIPPELP  
SDLPPAARRS PMDSLLWPRE RPGSTASESS ASLGSEWDIS ESSLSSLSLR RSSERLSDTP  
GAFQPPSLEI LMSSCSLCHA CDSLVDYDEEI MAGWAPDDSN LNTTCPFAC HFVPLLSVQT  
LDSRPSAPSP KSSLAGASGC KDAPAPGGPG PVLSDRRFCL ALDQPQLCNG HMGSASRRVE  
NGAWAYLSPL VLRKELESVL ENEGSEVLAL PELPAAHPHII FWNLLWYFQR LRLPSVLPGL  
VLASCNGPPP SQLSQGSPW LTPDPASVHV HLLWDVLTDP PNSCPPLYVL WRVHSQIPQR  
VWVWPGVPSC LSLALLESVL RHVGLNEVHK AVGLLLETG PPPTGLHLQR GIYREILFLT  
MAALGKDHDV IVAFDKKYKS AFNKLASSMG KEELRQRAQ MPTPKAIDCR KCFGAPLEC

**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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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.

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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, anti-tag ELISA, Western Blot and analytical SEC (HPLC)

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Grade: custom-made

## Target Details

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Target:	DENND4B
Alternative Name:	Dennd4b ( <a href="#">DENND4B Products</a> )
Background:	DENN domain-containing protein 4B (Brain-specific gene 4 protein) (Brain specific protein 4),FUNCTION: Guanine nucleotide exchange factor (GEF) which may activate RAB10. Promotes the exchange of GDP to GTP, converting inactive GDP-bound Rab proteins into their active GTP-bound form (By similarity). {ECO:0000250}.
Molecular Weight:	164.7 kDa
UniProt:	<a href="#">Q3U1Y4</a>

## Application Details

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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

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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