

Datasheet for ABIN7564648

DENND1A Protein (AA 1-1016) (His tag)[Go to Product page](#)

Overview

Quantity:	1 mg
Target:	DENND1A
Protein Characteristics:	AA 1-1016
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This DENND1A protein is labelled with His tag.
Application:	SDS-PAGE (SDS), Western Blotting (WB)

Product Details

Purpose:	Custom-made recombinat Dennd1a Protein expressed in mammalien cells.
Sequence:	MGSRIKQNPE TTFEVYVEVA YPRTGGT LSD PEVQRQFPED YSDQEV LQTL TKFCFPFYVD SLTVSQVGQN FTFVLTDIDS KQRF GFCRLS SGA KSCFCIL SYLPWF E VFY KLLNILADYT TKRQESQWNE LLET LHLR LPI PDPGVS VHLS VHSYFTVPDS RELPSIPENR NLTEYFVAVD VNNMLHLYAS MLYERRILII CSK LSTLTAC IHGSAAMLYP MYWQHVIYIPV LPPHLLDYCC APMPYLIGIH LSLMEKVRNM ALDDVILNV DTNTLET PFD DLQSLPNDVI SSLKNRLKKV STTTGDGVAR AFLKAQA AFF GSYRNAL KIE PEEPITFSEE AFVSHYRSGA MKQFLQ NATQ LQLFKQFIDG RLDLLNSGEG FSDV FEEIIN MGEYAGSDKL YHQWLSTVRK GSGAILNTVK TKANPAMKTV YKFAKDHAKM GIKEVKNRLK QKDITENGCV SSAEDPLPKT MPSPQAETQD PRLREDRRPI TVHFGQVRPP RPHVVRPKS NITVEGRRTS VSSPEQPQPY RTLKESDSA E GDETESPEQL VREPWGPTPA PPDRAASIDL LEDVFSSLDV EAPLQPLGQA KSLEDLRAPK DLREQPGSFD YQRDL CRSE RGLSMAAALK LAHPYTKLWS LGQDDMAIPS KPSITSPEKP

Product Details

SALLGTSPAL PLRPQNEGI LSPSIKEETP IPTPGSITIP RPQGRKTPPEL GIVPPPPTAR
PAKLQAAGGP LGDFSSEPLQ MDRERQAALS PALLSGLLPR AVPQGPTTELL QPPSPAPGAA
GTGSDALLAL LDPLNTAWSG STIPSHPATP SAATPFIPQL SFPPTVTPTP FVQTPLNPFV
PSVPVPPSM PLSSTPARPF GTPPASLGPA YAPSILLSSS GFYAPHRSQP NLSALSMPNL
FGQIPMGAHT SPLQPLGPPA VAPSRIRTLP LARSSARAAE AKQGLALRPG ESPLLPPRPP
QSLQPTPQPS VPTQARDPFE DLLRKTQDV SPSAPALAP ASTSVEQLRR QWETFE **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: DENND1A

Alternative Name: Dennd1a ([DENND1A Products](#))

Background: DENN domain-containing protein 1A (Connecdenn 1) (Connecdenn),FUNCTION: Guanine nucleotide exchange factor (GEF) regulating clathrin-mediated endocytosis through RAB35 activation. Promotes the exchange of GDP to GTP, converting inactive GDP-bound RAB35 into its active GTP-bound form. Regulates clathrin-mediated endocytosis of synaptic vesicles and

Target Details

mediates exit from early endosomes (PubMed:17182770, PubMed:20159556). Binds phosphatidylinositol-phosphates (PtdInsPs), with some preference for PtdIns(3)P (PubMed:20159556). {ECO:0000269|PubMed:17182770, ECO:0000269|PubMed:20159556}.

Molecular Weight: 111.5 kDa

UniProt: [Q8K382](#)

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