

Datasheet for ABIN7553690

DENND1A Protein (AA 1-1009) (His tag)



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Overview

Quantity: 1 mg

Target: DENND1A

Protein Characteristics: AA 1-1009

Origin: Human

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
TKRQENQWNE LLET LHKLPI PDPGVS VHLS VHSYFTVPDT RELPSIPENR NLTEYFVAVD
VNNMLHLYAS MLYERRILII CSKLSTLTAC IHGSAAMLYP MYWQHVIYIPV LPPHLLDYCC
APMPYLIGIH LSLMEKVRNM ALDDVVILNV DTNTLET PFD DLQSLPNDVI SSLKNRLKKV
STTTGDGVAR AFLKAQA AFF GSYRNAL KIE PEEPITFCEE AFVSHYRSGA MRQLQNATQ
LQLFKQFIDG RLDLLNSGEG FSDV FEEIIN MGEYAGSDKL YHQWLSTVRK GSGAILNTVK
TKANPAMKTV YKFAKD HAKM GIKEVKNRLK QKDIAENGCA PTPEEQLPKT APSPLVEAKD
PKLREDRRPI TVHFGQVRPP RPHVVKRPKS NIAVEGRRTS VPSPEQPQPY RTLRES DSAE
GDEAESPEQQ VRKSTGPVPA PPDRAASIDL LEDVFSNLDM EAALQPLGQA KSLEDLRAPK
DLREQPGTFD YQRDLGGSE RSRGVTVALK LTHPYNKLWS LGQDDMAIPS KPPAASPEKP

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SALLGNLAL PRRPQNRDSI LNPSDKKEVP TPTLGSITIP RPQGRKTPEL GIVPPPIPR
PAKLQAAGAA LGDVSERLQT DRDRRAALSP GLLPGVVPQG PTELLQPLSP GPAAAGTSSD
ALLALLDPLS TAWSGSTLPS RPATPNVATP FTPQFSFPPA GTPTPFQPP LNPVPSMPA
APPTLPLVST PAGPFGAPPA SLGPAFASGL LLSSAGFCAP HRSQPNLSAL SMPNLFGQMP
MGHTSPLQP LGPPAVAPSR IRTLPLARSS ARAAETKQGL ALRPGDPPLL PPRPPQGLEP
TLQPSAPQQA RDPFEDLLQK TKQDVSPSPA LAPAPDSVEQ LRKQWETFE **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) (Protein FAM31A),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

Target Details

endocytosis of synaptic vesicles and mediates exit from early endosomes (PubMed:20154091, PubMed:20937701). Binds phosphatidylinositol-phosphates (PtdInsPs), with some preference for PtdIns(3)P (By similarity). {ECO:0000250|UniProtKB:Q8K382, ECO:0000269|PubMed:20154091, ECO:0000269|PubMed:20937701}.

Molecular Weight: 110.6 kDa

UniProt: [Q8TEH3](#)

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