

Datasheet for ABIN7564513  
**DENND2A Protein (AA 1-1000) (His tag)**



[Go to Product page](#)

## Overview

Quantity:	1 mg
Target:	DENND2A
Protein Characteristics:	AA 1-1000
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This DENND2A protein is labelled with His tag.

## Product Details

Purpose:	Custom-made recombinant Dennd2a Protein expressed in mammalian cells.
Sequence:	MLEARVDMLS SNMIISGPAA DLGAKEASRP WKKQLNSVFN SGPSARARAQ PQPLSIKDKI SKWEGKKEPP ASDPARQTDG QEDHLPSCKV ERRGSELTRT KNGMRLETER LQNSRARTV CQDTEQLPGP RPIDGQPELS QHRGRELKPS DLRFQSDHLS VLRQVKRLEK ALKDGSAGLD PQMPGTCYSP HCLPDKTEED LPSLESHEKG GVLAAGRRAH HLEVREPGPE ISEDWKGQES VYRGSRWYPP KPFINVPKP RRTFKHAGEG DKDVSPGISF KKEKRNLPPL PSLPPPPPPPL PSSPPPTSVN RRLWTGRQRP SADHRKSYEF EDLLQSSSEN SRVDWYAQTK LGLTRTLSEE NVYEDILDPP MKENPYEDVE LHGRCLGKKC VLTFFASPTS SIPDTSTKQS LSKSAFFRQN SERRNLKLLD TRKLSRDGAG SPLRTSPPST PSSPDDTFN LGDLQNGRKK KKIPLRLVLR NAIYEARRGK KRVKRLSQST ESNSGKVTDE NSESDDSTEE KLKAHSQRLV NVKSRLKQAP RYSSLDRLI EYQERQLFEY FVVVSLHKKQ AGAAYPELT QQFPLKLEKS FKFMRQEDQ LKAIPQFCFP DAKDWAPVQE FTSETFSFVL TGEDGSRRFG YCRRLLPGGK GKRLPEVYCI VSRLGCFSLF SKILDEVEKR RGISPALVQP LMRSVMEAPF PALGKTIIVK NFLPGSGTEV

## Product Details

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IELCRPLDSR LEHVDFESLF SSSLVRHLVS VFASLLLERR VIFIADKLST LSKCCHAMVA  
LIYPFSWQHT YIPVLPPAMI DIVCSPTPFL IGLLSSSLPL LRELPLEEVL VVDLINDRFL  
RQMEDEDSIL PRKLQVALEH ILEQRNDLAC DQDGGPLDCV HGPESSSLSE VVSEAFVRRF  
VEIVGHYPLF LTSGEERSLQ REAFRKAVSS KSLRRFLEVF METQTFRGFI QERELRRQDA

KGLFEVRAQE YLETLPSEGH SGVNFKFLKGL GNKMKFLHKK **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: DENND2A

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Alternative Name: Dennd2a ([DENND2A Products](#))

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Background: DENN domain-containing protein 2A,FUNCTION: Guanine nucleotide exchange factor (GEF) which may activate RAB9A and RAB9B. Promotes the exchange of GDP to GTP, converting inactive GDP-bound Rab proteins into their active GTP-bound form. May play a role in late

## Target Details

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endosomes back to trans-Golgi network/TGN transport (By similarity). {ECO:0000250}.

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Molecular Weight: 113.1 kDa

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UniProt: [Q8C4S8](#)

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## 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.

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Restrictions: For Research Use only

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## Handling

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Format: Liquid

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Buffer: The buffer composition is at the discretion of the manufacturer.

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Handling Advice: Avoid repeated freeze-thaw cycles.

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Storage: -80 °C

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Storage Comment: Store at -80°C.

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Expiry Date: 12 months

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