

Datasheet for ABIN7560003  
**DENND2D Protein (AA 1-469) (His tag)**



[Go to Product page](#)

## Overview

Quantity:	1 mg
Target:	DENND2D
Protein Characteristics:	AA 1-469
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This DENND2D protein is labelled with His tag.

## Product Details

Purpose:	Custom-made recombinant Dennd2d Protein expressed in mammalian cells.
Sequence:	MEGQGVGRTL RLLRNRLPRL RAGQSQNNPG EAVTEPERIQ EHSPSSFAGG QHFFEYLLVV SLKKKRLGDD YEPTITYQFP KRENLLRGQQ EEEDRLLSAI PLFCFPDGNE WAPLTEYPRE TFSFVL TNVD GSRKIGYCRR LLPAGPGPQL PKVYCIISCI GCFGLFSKIL DEVEKRHQIS MAVIYPFMQG LREAAFPAPG KTVTLKSFIP DSGTEFISLT RPLDSHLEHV DFSVLLHCLH LEQIIQIFAS AVLERKIIFL AEGLSTLSQC IHAAAALLYP FSWAHTYIPV VPESLLATVC CPTPFMVG VQ MRFLQEVMDS PMEEVLLVNL CEGTFLLSVG DEKDILPPKL QDDILD SLGQ GINELKTSEQ INEHVSGPFV QFFVKTVGHY ASYIKREASG QGHFQERSFC KAVTSKTKRR FVKKFVKTQL FSLFIQEA EK SRNPPAGYFQ KKILEYEEQK KQKKSRERL <b>Sequence without tag.</b> <b>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.</b>
Specificity:	If you are looking for a specific domain and are interested in a partial protein or a different

## Product Details

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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)

### Grade:

custom-made

## Target Details

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### Target:

DENND2D

### Alternative Name:

Dennd2d ([DENND2D Products](#))

### Background:

DENN domain-containing protein 2D,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 (By similarity). {ECO:0000250}.

### Molecular Weight:

53.2 kDa

### UniProt:

[Q91VV4](#)

## 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

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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