

Datasheet for ABIN7547080
DND1 Protein (AA 1-353) (His tag)



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Overview

Quantity:	1 mg
Target:	DND1
Protein Characteristics:	AA 1-353
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This DND1 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant DND1 Protein expressed in mammalian cells.
Sequence:	<p>MQSKRDCELW CERVNPENKA ALEAWVRETG IRLVQVNGQR KYGGPPPGWW GSPPPAGSEV FIGRLPQDVY EHQLIPLFQR VGRLYEFRLM MTFSGLNRF AYARYSSRRG AQAAIATLHN HPLRPSCPLL VCRSTEKCEL SVDGLPPNLT RSALLLALQP LGPGLQEARL LPSPGPAGQ IALLKFSSHR AAAMAKKALV EGQSHLCGEQ VAVEWLKPD LKQRLRQQLVG PFLRSPQPEG SQLALARDKL GFQGARATLQ LLCQRMKLG S PVFLTKCLGI GPAGWHRFWY QVVIPGHPVP FSGLIWVLT LDGRDGHEVA KDAVSVRL LQ ALSESGANLL WSAGAEAGTM VKQ 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.</p>
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.
Characteristics:	Key Benefits:

Product Details

- 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

Target:	DND1
Alternative Name:	DND1 (DND1 Products)
Background:	Dead end protein homolog 1 (RNA-binding motif, single-stranded-interacting protein 4),FUNCTION: RNA-binding factor that positively regulates gene expression by prohibiting miRNA-mediated gene suppression. Relieves miRNA repression in germline cells (By similarity). Prohibits the function of several miRNAs by blocking the accessibility of target mRNAs. Sequence-specific RNA-binding factor that binds specifically to U-rich regions (URRs) in the 3' untranslated region (3'-UTR) of several mRNAs. Does not bind to miRNAs. May play a role during primordial germ cell (PGC) survival (By similarity). However, does not seem to be essential for PGC migration (By similarity). {ECO:0000250, ECO:0000269 PubMed:18155131}.
Molecular Weight:	38.7 kDa
UniProt:	Q8IYX4

Application Details

Application Notes:	We expect the protein to work for functional studies. As the protein has not been tested for
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Application Details

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
