

Datasheet for ABIN7552646
AXDND1 Protein (AA 1-1012) (His tag)



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Overview

Quantity:	1 mg
Target:	AXDND1
Protein Characteristics:	AA 1-1012
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This AXDND1 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant AXDND1 Protein expressed in mammalian cells.
Sequence:	<p>MSLPKTPSTP LNSTSTSESK KLVSVAKEG TRGLPELKEK KNMVDRSKLL PTSLQNEFIP KEVLLSLTYA ANAGPCPENL LPPKKIKTPK GTLPRLVDHV WHHPVRRNKF KYLIDHPVSL TGAGRDISFL YDVTYAKGQT REKAVCPPHL ARSLQSHDGV IVPHPKPKTLT DTLIPEEFHI VSSTGVSGLE CYDDKYTTLL TDMENRLLLF PSMKPNKRVE VAQLNDVMDT MLERAGVENQ EYTGPTKMHK LLHILKKEQT IYNMIFHELI RQVSVDCADR GELLSKVRER YVQMLDQIAR QMIDFYKDLV TQRVMDQRIL EELYNFKHVI EELTRELCLV RAHDVKLTKE TEKAHKDLAQ ALLNAEKNAK IVEEYHDLYT LQRERMENDM KKLVAERDIW SSATYELALK VIERNRVILA RRLYLNEKGW NKYTKHFIL LSNKDTEDLA LLQKLTQKWR NLVNKLKQEV EQMEESTSET LKIVKDGLIK WQEFFNEKDI LSPNKGNIFF SVLLDFKQWQ KILNEKKEEF TGDVLLSKYD TLKIIKHLQE NWADIGLGIF NRHKSLEGEM PSERQYMEEI IKNIQKLYKE YEIRINGDNG YSKILPSLIS SLDFCSFKLE NLEFPDTPLE EWQEIDEKIN EMKSHLDILL NLTGIVPQHI DVDSVSVLQA YIFNMIQQWL LKIGNEINNG NIELQHMMDE LHISMIQWMV NLLILMIPNF</p>

Product Details

TDQDCLLKLE EESA EKHDIG VARLELDAIE LTRKLYQYSS YLSSCCKGMV TAMALSKSTN
SHKNATEDLY EVDKLLKKEY EWINTCSLL SNIKGRKITL LTYEEIERLL EEEAVKEFIE
PEIDESFKED EESKEDRKL QEENKERAEE QPSTSTEKEK LIRFIGEDEN VHSKPLFETD
VLSSWRESAK QGTLAQKYLE AMAVIEHMQE KLLEVENRAR QAE EK FEDAY EKLHHTLIKN
KDLEELVMTS RKESKEEKEN QDEREVKEEE EQQEEEEVRS AENSSKSPKK GH **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.**

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:

- 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: AXDND1

Alternative Name: AXDND1 ([AXDND1 Products](#))

Background: Axonemal dynein light chain domain-containing protein 1,FUNCTION: May be essential for spermiogenesis and male fertility probably by regulating the manchette dynamics, spermatid head shaping and sperm flagellum assembly. {ECO:0000250|UniProtKB:Q3UZ57}.

Target Details

Molecular Weight: 118.0 kDa

UniProt: [Q5T1B0](#)

Application Details

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

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