

Datasheet for ABIN7553745
DTX2 Protein (AA 1-622) (His tag)



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Overview

Quantity:	1 mg
Target:	DTX2
Protein Characteristics:	AA 1-622
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This DTX2 protein is labelled with His tag.
Application:	SDS-PAGE (SDS), Western Blotting (WB)

Product Details

Purpose:	Custom-made recombinat DTX2 Protein expressed in mammalian cells.
Sequence:	MAMAPSPSLV QVYTSPAAVA VWEWQDGLGT WHPYSATVCS FIEQQFVQQK GQRFGLGSLA HSIPLGQADP SLAPYIIDLP SWTQFRQDTG TMRAVRRHLF PQHSAPGRGV VWEWLSDDGS WTAYEASVCD YLEQQVARGN QLVDLAPLGY NYTVNYTTHT QTNKTSSFCR SVRRQAGPPY PVTTIIAPPG HTGVACSCHQ CLSGSRTGPV SGRYRHSMTN LPAYPVPQHP PHRTASVFGT HQAFAPYNKP SLSGARSAPR LNTTNAWGAA PPSLGSQPLY RSSLSHLGPQ HLPFGSSTSG AVSASLPSGP SSSPGSVPAT VPMQMPKPSR VQALAGMTS VLMSAIGLPV CLSRAPQPTS PPASRLASKS HGSVKRLRKM SVKGATPKPE PEPEQVIKNY TEELKVPPDE DCIICMEKLS TASGYSDVTD SKAIGSLAVG HLTKCSHAFH LLCLLAMYN GNKDGSLQCP SCKTIYGEKT GTQPQGMKMEV LRFQMSLPGH EDCGTILIVY SIPHGIQGPE HPNPGKPFTA RGFPRQCYLP DNAQGRKYLE LLKVAWKRRLL IFTVGTSSSTT GETDVTVVWNE IHHKTEMDRN ITGHGYDPDN YLQNVLAELA AQGVTEDCLE QQ 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:

DTX2

Alternative Name:

DTX2 ([DTX2 Products](#))

Background:

Probable E3 ubiquitin-protein ligase DTX2 (EC 2.3.2.27) (Protein deltex-2) (Deltex2) (hDTX2) (RING finger protein 58) (RING-type E3 ubiquitin transferase DTX2),FUNCTION: Regulator of Notch signaling, a signaling pathway involved in cell-cell communications that regulates a broad spectrum of cell-fate determinations. Probably acts both as a positive and negative regulator of Notch, depending on the developmental and cell context. Mediates the antineural activity of Notch, possibly by inhibiting the transcriptional activation mediated by MATCH1. Functions as a ubiquitin ligase protein in vitro, suggesting that it may regulate the Notch pathway via some ubiquitin ligase activity.

Molecular Weight:

67.2 kDa

UniProt:

[Q86UW9](#)

Target Details

Pathways: [Notch Signaling](#)

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
