

Recombinant Human DTX1 protein ab158326

1 Image

Description	
Product name	Recombinant Human DTX1 protein
Expression system	Wheat germ
Protein length	Full length protein
Animal free	No
Nature	Recombinant
Species	Human
Sequence	MSRPGHGGGLMPVNGLGFPPQNVARVVVWEWLNEHSRW RPYTATVCHHIEN VLKEDARGSVVLGQVDAQLVPIIDLQSMHQFRQDTGTMR PVRRNFYDPS SAPGKGIVWEWENDGGAWTAYDMDICITIQNAYEKQHPW LDLSSLGFCYL YFNSMSQMNRRQTRRRRLRRRLDAYPLTVGSIPKSQSW PVGASSGQPC SCQQCLLVNSTRAASNAILASQRRKAPPAPPLPPPPPPG GPPGALAVRPS ATFTGAALWAAPAAGPAEPAPPPGAPPRSPGAPGGART PGQNNLNRPGPQ RTTSVSARASIPPGVPALPVKNLNGTGPVHPALAGMTGILL CAAGLPVCL TRAPKPIHPPPVSKSDVKPVPGVPGVCRKTKKKHLKKS KNPEDVVRRYM QKVKNPPDEDTICMERLVTASGYEGLRHKGVRPELVG RLGRCGHMYHL LCLVAMYSNGNKDGSQCPTCKAIYGEKTGTQPPGKMEF HLIPHSLPGFP DTQTIRIVYDIPTGIQGPEHPNPGKKFTARGFPRHCYLPNNE KGRKVLRL LITAWERRLIFTIGTSNTTGESDTVWNEIHHKTEFGSNLTG HGYPDASYLDNVLAELTAQGVSEAAAKA
Amino acids	1 to 620
Tags	GST tag N-Terminus
Specifications	

Specifications

Our **Abpromise guarantee** covers the use of **ab158326** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Applications	Western blot ELISA
Form	Liquid
Additional notes	This product was previously labelled as Deltex.

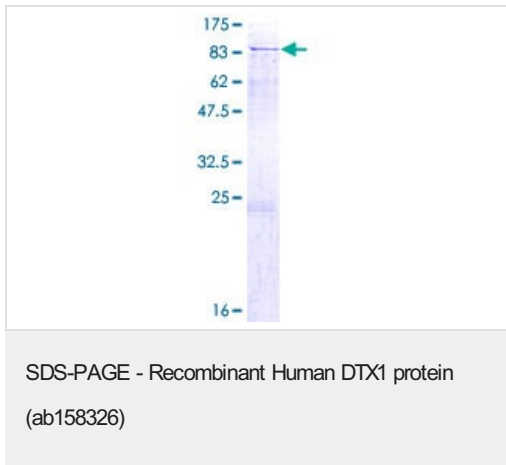
Preparation and Storage

Stability and Storage	Shipped on dry ice. Upon delivery aliquot and store at -80°C. Avoid freeze / thaw cycles. pH: 8.00 Constituents: 0.31% Glutathione, 0.79% Tris HCl
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General Info

Function	Functions as a ubiquitin ligase protein in vivo, mediating ubiquitination and promoting degradation of MEKK1, suggesting that it may regulate the Notch pathway via some ubiquitin ligase activity (By similarity). Regulator of Notch signaling, a signaling pathway involved in cell-cell communications that regulates a broad spectrum of cell-fate determinations. Mainly acts as a positive regulator of Notch, but it also acts as a negative regulator, depending on the developmental and cell context. Mediates the antineural activity of Notch, possibly by inhibiting the transcriptional activation mediated by MATCH1. Involved in neurogenesis, lymphogenesis and myogenesis, and may also be involved in MZB (Marginal zone B) cell differentiation. Promotes B-cell development at the expense of T-cell development, suggesting that it can antagonize NOTCH1.
Tissue specificity	Widely expressed. Strongly expressed in blood vessel. Also expressed in embryonic nervous system, pancreas, lung, adrenal gland, digestive tube and muscles. Expressed in MZB cells and developing B- and T-cells.
Pathway	Protein modification; protein ubiquitination.
Sequence similarities	Belongs to the Deltex family. Contains 1 RING-type zinc finger. Contains 2 WWE domains.
Domain	The WWE domains are thought to mediate some protein-protein interaction, and are frequently found in ubiquitin ligases.
Post-translational modifications	Ubiquitinated; undergoes 'Lys-29'-linked polyubiquitination catalyzed by ITCH.
Cellular localization	Cytoplasm. Nucleus. Predominantly cytoplasmic. Associates with endocytic vesicles. Partially nuclear.

Images



ab158326 on a 12.5% SDS-PAGE stained with Coomassie Blue.

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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