

Datasheet for ABIN7547164

**Deltex Homolog 4 Protein (AA 1-619) (His tag)**[Go to Product page](#)

## Overview

Quantity:	1 mg
Target:	Deltex Homolog 4 (DTX4)
Protein Characteristics:	AA 1-619
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This Deltex Homolog 4 protein is labelled with His tag.

## Product Details

Purpose:	Custom-made recombinant DTX4 Protein expressed in mammalian cells.
Sequence:	<p>MLLASAVVVW EWLNEHGRWR PYSPAVSHHI EAVVRAGPRA GGSVVLGQVD SRLAPYIIDL QSMNQFRQDT GTLRPVR RNY YDPSSAPGKG VVWEWENDNG SWTPYDMEVG ITIQHAYEKQ HPWIDLTSIG FSYVIDFNTM GQINRQTQRQ RRVRRRLDLI YPMVTGTLPK AQS WPVSPGP ATSPPMSPCS CPQCVLMSV KAAVNGSTG PLQLPVTRKN MPPPGVVKLP PLPGSGAKPL DSTGTIRGPL KTAPSQVIRR QASSMPTGTT MGSPASPPGP NSKTGRVALA TLNRTNLQRL AIAQSRVLI A SGVPTVPVKN LNGSSPVNPA LAGITGILMS AAGLPVCLTR PPKLV LHPPP VSKSEIKSIP GVSNTSRKTT KKQAKKGKTP EEVLKKYLQK VRHPPDEDCT ICMERLTAPS GYKGPQPTVK PDLVGKLSRC GHVYHIYCLV AMYNNGNKDG SLQCPTCKTI YGVTGTQPP GKMEYHLIPH SLPGHPDCKT IRIIYSIPPG IQGPEHPNPG KSFSARGFPR HCYLPDSEKG RKVLKLLLVA WDRRLIFAIG TSSTTGESDT VIWNEVHHKT EFGSNLTGHG YPDANYLDNV LAELAAQGIS EDSTAQEKD <b>Sequence without tag. The proposed Purification-Tag is based on experiences with the expression system, a different complexity of the protein could make</b></p>

## Product Details

---

**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:** Deltex Homolog 4 (DTX4)

---

**Alternative Name:** DTX4 ([DTX4 Products](#))

---

**Background:** E3 ubiquitin-protein ligase DTX4 (EC 2.3.2.27) (Protein deltex-4) (Deltex4) (RING finger protein 155) (RING-type E3 ubiquitin transferase DTX4),FUNCTION: Regulator of Notch signaling, a signaling pathway involved in cell-cell communications that regulates a broad spectrum of cell-fate determinations (By similarity). Functions as a ubiquitin ligase protein in vivo, mediating 'Lys48'-linked polyubiquitination and promoting degradation of TBK1, targeting to TBK1 requires interaction with NLRP4. {ECO:0000250, ECO:0000269|PubMed:22388039}.

---

**Molecular Weight:** 67.3 kDa

---

**UniProt:** [Q9Y2E6](#)

---

**Pathways:** [Notch Signaling](#)

---

## 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

---