

Datasheet for ABIN7558050

Deltex Homolog 4 Protein (AA 1-616) (His tag)[Go to Product page](#)

Overview

Quantity:	1 mg
Target:	Deltex Homolog 4 (DTX4)
Protein Characteristics:	AA 1-616
Origin:	Mouse
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 GTLRPVRNRY YDPSSAPGKG VVWEWENDNG SWTPYDMEVG ITIQYAYEKQ HPWIDLTSIG FSYIIDFSTM GQINRQTQRQ RRVRRRLDLI YPMVTGTMPK TQSWPVSPGP ATSSPAPPCS CPQCVLVMSV KAAVHGGTG PPAVRKNMAL SGVGKLPQPP GPGAKPLDTT GTIRGPGKTA PSQVIRRVQS NAPAGATVGS PASPQGSNRK TGRVALATLN RSNLQRLAIA QSRVLIASGV PTPVPKNLNG SSPVNPALAG ITGILMSAAG LPVCLTRPPK LVLHPPVSK SEIKSIPGVS NTSRKTTKKQ AKKGKTPEEV LKKYLQKVRH PPEEDCTICM ERLTAPSGYK GPQPTVKPDL VGKLSRCGHI YHIYCLVAMY NNGNKDGLSQ CPTCKTIYGV KTGTQPPGKM EYHLIPHS�P GHPDCKTIRI IYSIPPGIQG PEHPNPGKSF SARGFPRHCY LPDSEKGRKV LKLLLVAWDR RLIFAIGTSS TTGESDVIW NEVHHKTEFG SNLTGHGYPD ANYLDNVLAE LAAQGISSEDS TSHEKD Sequence without tag. The proposed Purification-Tag is based on experiences with the expression system, a different complexity of the protein could make</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-type E3 ubiquitin transferase DTX4),FUNCTION: Functions as a ubiquitin ligase protein in vivo, mediating 'Lys48'-linked polyubiquitination and promoting degradation of TBK1, targeting to TBK1 requires interaction with NLRP4 (By similarity). Regulator of Notch signaling, a signaling pathway involved in cell-cell communications that regulates a broad spectrum of cell-fate determinations. {ECO:0000250, ECO:0000269|PubMed:16923970}.

Molecular Weight: 66.8 kDa

UniProt: [Q6PDK8](#)

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