

Recombinant Human DTX1 protein, His & T7-tagged

Cat. No. DTX1-1842H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human DTX1 aa. (Gly290~His535 (Accession # Q86Y01)) fused with N-terminal His & T7 tag was produced in E. coli cells.
Species	Human
Source	E.coli
ProteinLength	Gly290~His535
Description	Studies in Drosophila have identified this gene as encoding a positive regulator of the Notch-signaling pathway. The human gene encodes a protein of unknown function; however, it may play a role in basic helix-loop-helix transcription factor activity.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 30.3kDa
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Purity	>95%
Applications	SDS-PAGE; WB; ELISA; IP.
Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h,

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and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

Storage	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.
Storage buffer	Supplied as lyophilized form in PBS, pH7.4, containing 5% trehalose, 0.01% sarcosyl.
Reconstitution	Reconstitute in sterile PBS, pH7.2-pH7.4.
Isoelectric Point	9.9

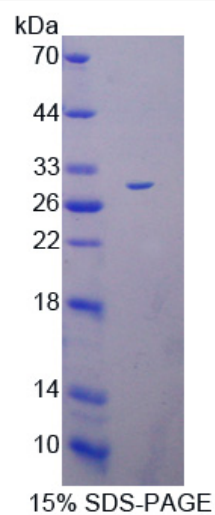
GENE INFORMATION

Gene Name	DTX1 deltex E3 ubiquitin ligase 1 [Homo sapiens (human)]
Official Symbol	DTX1
Synonyms	DTX1; deltex E3 ubiquitin ligase 1; hDx-1; E3 ubiquitin-protein ligase DTX1; RING-type E3 ubiquitin transferase DTX1; deltex 1, E3 ubiquitin ligase; deltex homolog 1; deltex1; hDTX1; protein deltex-1
Gene ID	1840
mRNA Refseq	NM_004416.2
Protein Refseq	NP_004407.2
UniProt ID	Q86Y01

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SDS-PAGE

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