

DTX3 Protein, Human

Cat. No.:	HY-P701522
Synonyms:	DTX3; Probable E3 ubiquitin-protein ligase DTX3; Protein deltex-3; Deltex3; RING finger protein 154; RING-type E3 ubiquitin transferase DTX3
Species:	Human
Source:	E. coli
Accession:	Q8N9I9 (S2-D347)
Gene ID:	196403
Molecular Weight:	

PROPERTIES

Appearance	Solution.
Formulation	Supplied as a 0.22 µm filtered solution of 50 mM Tris-HCl, pH7.5, 200 mM NaCl, 20% glycerol.
Endotoxin Level	<1 EU/µg, determined by LAL method.
Reconstitution	Please use rapid thawing with running water to thaw the protein.
Storage & Stability	Stored at -80°C for 1 year. It is stable at -20°C for 3 months after opening. It is recommended to freeze aliquots at -80°C for extended storage. Avoid repeated freeze-thaw cycles.
Shipping	Shipping with dry ice.

DESCRIPTION

Background	DTX3 emerges as a versatile regulator within the intricate landscape of Notch signaling, a pivotal pathway orchestrating cell-cell communications and governing diverse cell-fate determinations. Its role appears context-dependent, exerting both positive and negative modulation on Notch signaling, contingent upon the specific developmental and cellular milieu. The functional versatility of DTX3 extends to its capacity as an ubiquitin ligase protein in vitro, suggesting its potential involvement in ubiquitin-mediated regulatory mechanisms within the Notch pathway. This dual functionality underscores the complexity and adaptability of DTX3 in fine-tuning Notch signaling dynamics, contributing to the intricate regulatory network governing cellular fate decisions.
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Caution: Product has not been fully validated for medical applications. For research use only.

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