Recombinant Mouse Dtx2 Protein, Myc/DDK-tagged

Cat. No. Dtx2-2673M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length deltex 2, E3 ubiquitin ligase (Dtx2), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Regulator of Notch signaling, a signaling pathway involved in cell-cell communications that regulates a broad spectrum of cell-fate determinations. Probably acts both as a positive and negative regulator of Notch, depending on the developmental and cell context. Mediates the antineural activity of Notch, possibly by inhibiting the transcriptional activation mediated by MATCH1. Functions as a ubiquitin ligase protein in vitro, suggesting that it may regulate the Notch pathway via some ubiquitin ligase activity.
Molecular Mass	67.1 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.
Concentration	>50 μg/mL as determined by microplate BCA method

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Storage Buffer	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

GENE INFORMATION

Gene Name	Dtx2 deltex 2, E3 ubiquitin ligase [Mus musculus (house mouse)]
Official Symbol	Dtx2
Synonyms	DTX2; deltex 2 homolog (Drosophila); protein deltex-2; mDTX2; Deltex2; AA408415; AU022494; 2610524D08Rik
Gene ID	74198
mRNA Refseq	NM_023742
Protein Refseq	NP_076231
UniProt ID	Q8R3P2

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