

Product datasheet for TP518205

Dtx2 (NM_023742) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse deltex 2, E3 ubiquitin ligase (Dtx2), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR218205 representing NM_023742 Red=Cloning site Green=Tags(s)

MAMAPSSSLPQVYPSHVVAVWEWQDGLGIWHPYSATVCSFIEQHFVRQRGQHFLGLSLAHSIPLGQADP
SLAPYIIDLPSWTQFRQNTGTMRSVRRHLFSQNSAPGQGIVWEWLGDDGSWVAYEARICDYLEQQVARGI
QVVDLAPLGYNYTVNYATLTQTNKTSFRCRSVRRQVGPVYPTSDIAVPRQMGLICFCQQCLHSGTGPV
SGRYRHSMTNLPAYPAPQAPHRTTTVSGAHQAFAPYNKPSLSGARSAPRLNTTNPWAAAPPVAGNQSLFH
SSLSHLGPQLLPSGPSTSSGASAFSPSGPSSSSPGSAPTTVPVQMPKASRVQQALAGMTSVLSAIGLPVC
LSRAPRPTGPPASRPASKSHSSVKRLRKMSVKGAPKPEPEQVIRKYTEELKVAPEEDCIICMEKLAVASG
YSDMTDSKALGPMVVGRLTKCSHAFHLLCLLAMYCNGNKGDSLQCPCKTIYGEKGTQPWGKMEVFRFQ
MSLPGHEDCGTILIVYNIPHGIQGPHEPSPGKPFRTARGFPRQCYLPDSPQGRKVLLELLKVAWKRRLLIFTV
GTSTTGETDTVWVNEIHHKTEMDRNVTHGHYPDPNYLQNVLAELAAQGVTEDCLEQQ

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-MYC/DDK
Predicted MW:	67.1 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C after receiving vials.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.



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RefSeq: [NP_076231](#)

Locus ID: 74198

UniProt ID: [Q8R3P2](#), [A0A0R4IZY1](#)

RefSeq Size: 2656

Cytogenetics: 5 G2

RefSeq ORF: 1854

Synonyms: 2610524D08Rik; AA408415; AU022494; Deltex2

Summary: 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 (By similarity).[UniProtKB/Swiss-Prot Function]