

Product datasheet for **MC218469**

Dtx2 (BC024925) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Dtx2 (BC024925) Mouse Untagged Clone
Tag: Tag Free
Symbol: Dtx2
Synonyms: 2610524D08Rik; AA408415; AU022494; Deltex2
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >BC024925
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGGCCATGGCCCAAGCTCGTCTCTGCCGAGGTGTACCCTAGCCACGTGGTGGTGGTGTGTGGGAAT
GGCAGGATGGGCTTGGCATTGGCACCCCTACAGTGCCACTGTCTGCTCCTTCATTGAGCAGCATTTTGT
CCGGCAGAGGGCCAGCATTTTGGACTGGGAAGCCTGGCCACAGCATCCCCTTAGGCCAAGCTGACCCC
TCACTGGCCCCTTACATCATCGACCTCCCCAGCTGGACTCAGTTTCGCCAGAACACTGGCACCATGAGGT
CTGTGCGCAGACACCTGTTCTCACAGAATTCTGCCCCAGGCCAGGCATCGTCTGGGAGTGGCTGGGCGA
TGACGGATCCTGGGTAGCCTATGAAGCTAGAATCTGTGACTATCTGGAACAGCAAGTGGCCCGGGGCATC
CAGGTCGTGGACTTGGCACCCTGGGGTATAACTATACTGTCAACTATGCCACCCTAACCCAAACCAACA
AGACTTCCAGCTTCTGCCGGAGTGTGCGACGCCAAGTGGGGCCAGTTTACCCAGTGACTTCAGACATCGC
TGTTCCACGCCAAATGGGACTTATCTGCTTTTGCACAGTGCCTCCATGGTAGCGGAAGTGGCCCTGTG
TCGGGCCGCTACCGCCACTCCATGACCAACCTGCCTGCATCCTGCCCCCAAGCACCCACCCGACCA
CCACTGTCTCTGGGGCCACCAGGCCTTTGCCCATACAATAAACCTTCACTGTCTGGGGCCAGATCTGC
ACCAAGGTTGAACACCACCAACCCTGGGCTGCGACACCTCCTGTTGCAGGCAACCAGTCCCTGTTCCAC
TCCAGCCTCTCCACCTGGGGCCTCAGCTCCTGCCCTCAGGACCGTCCACCTCCAGTGGAGCCAGTGCCT
CCTTCCCCAGCGGCCCTCCTCCAGCAGCCAGGGAGCGCCCCACCCTGTGCCCGTGCAGATGCCAAA
GGCCAGCAGGGTCCAGCAGGCGCTTGCAGGTGAAGACAGAAGAGTGTACTGGCTCTTGGTCTTTACAGT
GGATATAGGAATTAGACAACCTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCTGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: BC024925



Insert Size:	1074 bp
OTI Disclaimer:	Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
Components:	The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).
Reconstitution Method:	<ol style="list-style-type: none">1. Centrifuge at 5,000xg for 5min.2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.3. Close the tube and incubate for 10 minutes at room temperature.4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.
RefSeq:	<u>BC024925</u> , <u>AAH24925</u>
RefSeq Size:	2675 bp
RefSeq ORF:	1073 bp
Locus ID:	74198
Cytogenetics:	5 G2
Gene 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]