

## Product datasheet for **MC211932**

### **Dtx3 (NM\_030714) Mouse Untagged Clone**

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Dtx3 (NM\_030714) Mouse Untagged Clone  
**Tag:** Tag Free  
**Symbol:** Dtx3  
**Synonyms:** Deltex3; mg310  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**Cell Selection:** Neomycin  
**Fully Sequenced ORF:** >MC211932 representing NM\_030714  
**Red**=Cloning site **Blue**=ORF **Orange**=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**GCGATCGCC**

ATGTCGTTTCGTCCTGTCCAGAATGGCAGCCTGTGGAGGCTCCTGCAAGAACAAGTGACTGTCTCCAAGC  
CTGTGTGGGACTTCCTGAGCAAGGAGACCCAGCCGGCTGGCCCGGCTTCGGGAGGAGCATCGGGTGT  
CATCCTCATAGATGGCGAGACTTCTGACATCTACGTGCTCCAGCTGTCCACAGGGTCTCCCCAGCC  
CCTCCCAATGGGCTCTACCTGGCCAGGAAGGCTCTCAAGGGGCTACTGAAAGAGGCAGAGAAAGAGCTAA  
AGAAAGCCAGAGGCAGGGGAGCTCATGGGCTGCCTGGCTTTGGGGGTGGAGGGGAACACCCCGAGCT  
GCACCGCCAGGCCCTCCTCCCCTCCGAGCAGCCCACTCCTGCCCCAGGGGCAAGAGGGCTACCCCT  
CCTCCTCCTCCCCTGCCCTCCACTCCTCCTCGTCTCAGAGAGGACGCTGAAGAGCAGGAAACCCT  
GCCCCATTTGCCGTTGGGGGAGATACAGAAATGCCAAGACGCTGGAGAAGTGCAGGCACTCCTTCTGTGAGG  
CTGCATCACACGGGCCCTGCAGGTGAAAAGGCCTGCCCCATGTGCGGCCGATTCTACGGGCAGCTGTG  
GGCAACCAGCCCCAGAACGGACGGATGCTGGTCTCCAAGGATGCCACCCTCCTGCTGCCAGCTACGAGA  
AGTATGGCACCATTGTCAATCAATATGTCTTCCCGCTGGCGTCCAGGGGGCTGAACACCCCAACCAGG  
AGTTCCGTTACCCTGGTACCACACGGGTGGCTACCTCCCGGACTGCCCGAGGGCAACAAGGTGCTGACC  
CTGTTCCGAAAGGCATTTGACCAGCCTCACCTTACCATCGGCACGTCATGACTACAGGGAGACCCA  
ATGTCACTACTTGAACGACATCCACCACAAGACCAGCTGCACAGGGGGACCCAGCTGTTTGGGTATCC  
GGACCAACCTACCTGACTAGGGTGCAAGAGGAACTGAGAGCCAAGGGTATCACAGACGACTGA

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI  
**ACCN:** NM\_030714



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<b>Insert Size:</b>	1044 bp
<b>OTI Disclaimer:</b>	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).
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<a href="#">NM_030714.2</a> , <a href="#">NP_109639.1</a>
<b>RefSeq Size:</b>	2030 bp
<b>RefSeq ORF:</b>	1044 bp
<b>Locus ID:</b>	80904
<b>UniProt ID:</b>	<a href="#">Q80V91</a>
<b>Cytogenetics:</b>	10 D3
<b>Gene Summary:</b>	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. Functions as a ubiquitin ligase protein in vitro, suggesting that it may regulate the Notch pathway via some ubiquitin ligase activity.[UniProtKB/Swiss-Prot Function]