

Product datasheet for SC335539

DTX3 (NM_001286245) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	DTX3 (NM_001286245) Human Untagged Clone
Tag:	Tag Free
Symbol:	DTX3
Synonyms:	deltex3; RNF154
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC335539 representing NM_001286245. Blue=Insert sequence Red=Cloning site Green=Tag(s)

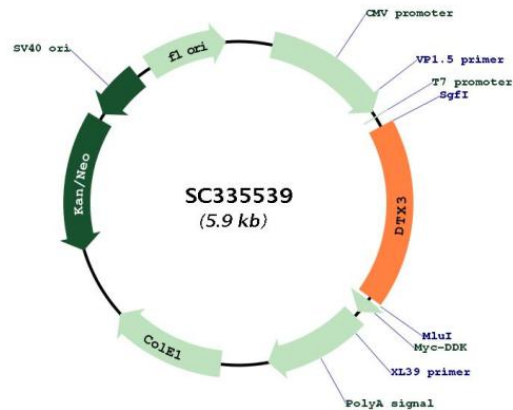
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GCTCGTTT TAGTGAACCGTCAGAATTTTGT AATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCC GCGATCGCC
ATGCCAATTCTAAGCTCTTCAGGATCAAAAATGGCAGCCTGTGGAGGCACCTGCAAGAACAAAGTGACT
GTGTCCAAGCCCGTGTGGGACTTCTGAGCAAAGAGACCCAGCCCGGCTGGCCCGGCTTCGGGAGGAG
CACCGTGTGTCCATCCTCATAGATGGCGAGACTTCTGACATCTATGTTCTCCAGCTTTCCCACAGGGT
CCTCCCCGGCCCTCCAAATGGGCTCTACCTAGCCCGGAAGGCTCTCAAGGGGCTGCTAAAAGAGGCA
GAGAAAGAGCTGAAGAAAGCTCAGAGGCAGGGGAGCTGATGGGCTGCCTGGCTCTGGGGGTGGAGGG
GAGCACCTGAGATGCACCGCGCAGGCCACCCCTCTCCGAGCAGCCCACTTCTGCCCCAGGAGCT
CGGGGGCTCCCCCTCCTCCTCCCCCTGCCCCACCTTCTCCTCCTCGCCTTCGGGAGGAGGCAGAA
GAGCAGGAGAGCACCTGCCCCATCTGTCTGGGGGAGATCCAGAATGCCAAGACATTGGAGAAGTGCCGG
CATTATTCTGCGAGGGCTGCATCACCCGGGCTCTGCAGGTGAAAAAGGCTGCCCATGTGCGGCCGC
TTCTATGGGCAGCTGGTGGGCAACCAGCCCAAGATGGGCGGATGCTGGTCTCTAAGGACGCCACCTC
CTACTGCCAGCTATGAGAAGTACGGCACCATTGTCATCCAGTACGTCTTCCCGCCGGTGTCCAGGGG
GCTGAACACCCAAACCAGGAGTTCGGTATCCTGGCACCACACGGGTGGCCTACCTCCGGACTGCCCT
GAGGGCAACAAGGTGCTGACCTGTTCCGCAAGGCGTTTGACCAGCGTCTCACCTTCACTATCGGCAGC
TCCATGACCACAGGGAGACCGAATGTCATCACCTGGAACGACATCCACCACAAGACCAGCTGCACAGGG
GGACCCAGCTGTTTGGGTACCCAGACCCACCTACCTGACCCGGGTGCAAGAGGAGCTGAGAGCGAAG
GGTATCACAGATGACTGA
ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC
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Restriction Sites: SgfI-MluI



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Plasmid Map:



ACCN: NM_001286245

Insert Size: 1053 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:

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: [NM_001286245.1](#)

RefSeq Size: 2062 bp

RefSeq ORF: 1053 bp

Locus ID: 196403

UniProt ID: [Q8N9I9](#)

Cytogenetics: 12q13.3

Protein Families: Druggable Genome

Protein Pathways: Notch signaling pathway

MW: 38.2 kDa

Gene Summary: DTX3 functions as an E3 ubiquitin ligase (Takeyama et al., 2003 [PubMed 12670957]).
[supplied by OMIM, Nov 2009]

Transcript Variant: This variant (3) lacks an alternate exon in the 5' UTR, uses an alternate splice site in the 5' coding region, and initiates translation at an alternate upstream start codon, compared to variant 1. The encoded isoform (b) has a distinct N-terminus and is longer than isoform a.