

Product datasheet for **SC335514**

DTX3 (NM_001286246) Human Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: DTX3 (NM_001286246) Human Untagged Clone
Tag: Tag Free
Symbol: DTX3
Synonyms: deltex3; RNF154
Vector: pCMV6-Entry (PS100001)
Fully Sequenced ORF: >SC335514 representing NM_001286246.
Blue=Insert sequence Red=Cloning site Green=Tag(s)

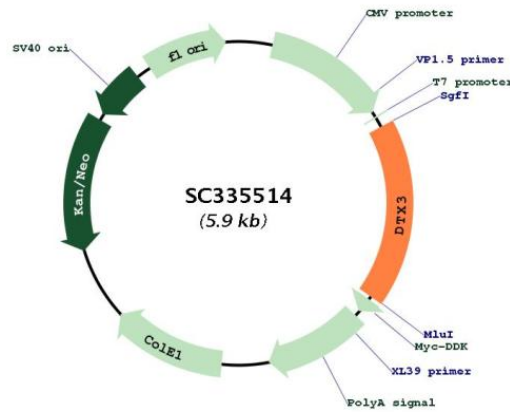
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ATGTCGTTTCGTCCTGTCCAGAATGGCAGCCTGTGGAGGCACCTGCAAGAACAAGTGACTGTGTCCAAG
CCCGTGTGGGACTTCTGAGCAAAGAGACCCAGCCCGGCTGGCCCGGCTTCGGGAGGAGCACCGTGTG
TCCATCCTCATAGATGGCGAGACTTCTGACATCTATGTTCTCCAGCTTCCCCACAGGGTCTCCCCG
GCCCTCCAAATGGGCTTACCTAGCCCGAAGGCTCTCAAGGGGCTGCTAAAAGAGGCAGAGAAAGAG
CTGAAGAAAGCTCAGAGGCAGGGGAGCTGATGGGCTGCCTGGCTCTGGGGGTGGAGGGGAGCACCT
GAGATGCACCGCGCAGGCCACCCCTCTCCGAGCAGCCCACTTCTGCCCCAGGAGCTCGGGGGCTC
CCCCCTCCTCCTCCCCCTGCCCCACCTCTTCTCCTCGCCTTCGGGAGGAGGAGAAGAGCAGGAG
AGCACCTGCCCATCTGTCTGGGGGAGATCCAGAATGCCAAGACATTGGAGAAGTGCCGGCATTCTTC
TGCGAGGGCTGCATCACCCGGGCTCTGCAGGTGAAAAAGGCTGCCCATGTGCGGCCGCTTCTATGGG
CAGCTGGTGGGAACAGCCCCAGAATGGGCGGATGCTGGTCTCTAAGGACGCCACCCCTCTACTGCC
AGCTATGAGAAGTACGGCACCATTGTATCCAGTACGTCTTCCCGCCGGTGTCCAGGGGGCTGAACAC
CCAAACCCAGGAGTTCGGTATCCTGGCACCACAGGGTGGCTACCTCCCGACTGCCCTGAGGGCAAC
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ACAGGGAGACCGAATGTCATCACCTGGAACGACATCCACCACAAGACCAGCTGCACAGGGGACCCAG
CTGTTTGGGTACCCAGACCCACCTACCTGACCCGGGTGCAAGAGGAGCTGAGAGCGAAGGGTATCACA
GATGACTGA
```

Restriction Sites: Sgfl-Mlul



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Plasmid Map:



ACCN: NM_001286246

Insert Size: 1044 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_001286246.1](https://www.ncbi.nlm.nih.gov/RefSeq/record/NM_001286246.1)

RefSeq Size: 2081 bp

RefSeq ORF:	1044 bp
Locus ID:	196403
UniProt ID:	Q8N9I9
Cytogenetics:	12q13.3
Protein Families:	Druggable Genome
Protein Pathways:	Notch signaling pathway
MW:	38 kDa
Gene Summary:	<p>DTX3 functions as an E3 ubiquitin ligase (Takeyama et al., 2003 [PubMed 12670957]). [supplied by OMIM, Nov 2009]</p> <p>Transcript Variant: This variant (2) lacks an alternate exon in the 5' UTR, compared to variant 1. Both variants 1 and 2 encode the same isoform (a).</p>