

Product datasheet for **SC125438**

Deltex (DTX1) (NM_004416) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Deltex (DTX1) (NM_004416) Human Untagged Clone
Tag:	Tag Free
Symbol:	Deltex
Synonyms:	hDx-1; RNF140
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)



[View online »](#)

Fully Sequenced ORF: >OriGene ORF within SC125438 sequence for NM_004416 edited (data generated by NextGen Sequencing)

```

ATGTCACGGCCAGGCCACGGTGGGCTGATGCCTGTGAATGGTCTGGGCTTCCCACCGCAG
AACGTGGCCCGGGTGGTGGTGTGGGAGTGGCTGAATGAGCACAGCCGCTGGCGGCCCTAC
ACGGCCACCGTGTGCCACCACATTGAGAACGTGCTGAAGGAGGACGCTCGCGGTTCCGTG
GTCTTGGGGCAGGTGGACGCCAGCTTGTGCCCTACATCATCGACCTGCAGTCCATGCAC
CAGTTTTCCGACAGACACAGGCACCATGCGGCCCGTGGCGGCAACTTCTACGACCCGTCG
TCGGCGCCGGCAAGGGCATCGTGTGGGAGTGGGAGAACGACGGCGGCGCATGGACGGCC
TACGATATGGACATCTGCATCACCATCCAGAACGCCTACGAGAAGCAGCACCCGTGGCTC
GACCTCTCATCGCTAGGCTTCTGCTACCTCATCTACTTCAACAGCATGTCGCAGATGAAC
CGCCAGACGCGCCGGCGCCGCGCCTGCGCCGCGCCTGGACCTCGCCTACCCGCTCACC
GTGGGCTCCATCCCTAAGTCGCAGTCGTGGCCCGTGGGCGCCAGCTCGGGCCAGCCCTGC
TCCTGCCAGCAGTGCCTGCTGGTCAACAGCACGCGCGCCGCTCCAACGCCATCTGGCC
TCGCAGCGCCGCAAGGCGCCCCCGCGCCCCGCTGCCGCGCCGCGCCACCTGGAGGG
CCTCCAGGCGCGCTTGGCGTGCGCCCCAGCGCCACCTTACAGGGCGCCGCTCTGGGCA
GGCCCCGCGCCGGCCCCGCGGAGCCCGCGCCGCTCCCGGGGCGCCCCACGGAGCCCG
GGCGCCCCGGCGGAGCGCGCACCCCGGGCAGAACAACTCAACCGGCCGGGGCCCGAG
CGCACCACAGCGTGAGCGCGCGCCTCCATCCCGCGGGGGTCCCGCACTCCCGGTG
AAGAACTTGAATGGTACTGGGCCGTCCATCCGGCCCTGGCAGGGATGACCGGGATACTG
CTGTGCGCGCCGGGCTGCCCGTGTGCCTGACGCGGGCCCCAAGCCATCTGCACCCG
CCGCCCCGTGAGCAAGAGCGACGTGAAGCCCGTGCCTGGCGTGGCCGGGTGTGCCGAAG
ACCAAGAAGAAGCACCTTAAAAAGAGTAAGAATCCCGAGGATGTGGTTCGAAGATACATG
CAGAAGGTGAAAAACCCACCTGATGAGGACTGTACCATCTGCATGGAGCGGCTGGTCACA
GCATCAGGCTACGAGGGCGTGCTTCGGCACAAGGGCGTGCAGCCCTGAGCTCGTGGCCGC
CTGGGCCGCTGTGGCCACATGTACCACCTGCTGTGCCTCGTGGCCATGTAATCCAATGGC
AACAAAGGATGGCAGCCTGCAGTGGCCACCTGCAAGGCCATCTATGGGAGAAAGACGGGT
ACGCAGCCGCTGGGAAGATGGAGTTCCACCTCATCCCCACTCGCTGCCCGGCTTCCCT
GATACCCAGACCATCCGCATCGTCTATGACATCCCACAGGCATCCAGGGCCCTGAGCAC
CCCAACCCGGGAAGAAGTTCACCGCAAGAGGATCCCTCGCCACTGCTATCTACCCAAC
AACGAGAAAGGCCGGAAGGTGCTGCGGCTGCTCATCACGGCCTGGGAGAGAAGACTCATC
TTCATATCGGCACGTCCAACACCACGGGCGAGTCGGACACCGTGGTGTGGAACGAGATC
CACCACAAGACCGAGTTTGGATCCAACCTCACGGGCCACGGCTACCCGGACGCTAGCTAC
CTAGACAACGTGCTGGCTGAGCTCACAGCCAGGGCGTATCCGAGGCTGCAGCCAAGGCT
TGA
    
```

Clone variation with respect to NM_004416.2
 1233 c=>t;1251 a=>g;1425 c=>t

5' Read Nucleotide Sequence:	>OriGene 5' read for NM_004416 unedited ACGTTTGNAAACCCACTCACTATAGGGCGGCCGCGAATTCGGCACGAGGAGAGCTGTTTCC TCCGGCATAAGAGAGACACTTGTCTTCCAGGGCAGCACCCCTTTATCGGAGAAGGCTCTAC AGGGAAGGGGTCTTTGCAGCCTGGATGGCCATCCACATTCCTTTAACGGAGGTCTCTAG GCCTCAGAGAGAACCAGAGTTAGAAAGGAGGCCAGACGGTCCTTGCTGTCCCCCTGGGG AGAGAGGAAGTTGCCGCCTGCTGCCAGGCCAGGAGGAGCTGGGCTGCAATAGTGGGGG ACCTGGCCCTGAGGCCAGTGGCGCCATGTCACGGCCAGGCCACGGTGGGCTGATGCCTG TGAAATGGTCTGGGCTTCCACCGCAGAACGTGGCCCGGGTGGTGGTGTGGGAGTGACTGA ATGAACACAGTCGCTCTGCGCCGTACCCACGCGCACGTGGTGCCTACCCACATTGGGAAC CCTTCCAAACAGAAGAAACCCTCCCGGGCTCCCCTGGCTGCTCTGGCGGATAGCTCGCA ACGCCCCACTCCGTGGCCCCAACACAGAGATCGTAGCAAGCCTCTGAACACCCCATACA CATATTACCATTCCCAAACATCTCGCGTGACACCGCCCTCTCCATTGCTAGCCCTAA CACTTTCATCGTATACTAACAGTGCCTGTACCGTACGCTACGTCTCAATACGCACTTCC CGCATCGTGGGACGATGTGAGTGAGTGCACGACATCTAAACTCACGCTCGCGTAAGC CGCGATTCTCATTAGAACTCAACTATCCGTCGACCTACTCGCCGTCGAGCGCAGAGACG
Restriction Sites:	Please inquire
ACCN:	NM_004416
Insert Size:	3200 bp
OTI Disclaimer:	Due to the inherent nature of this plasmid, standard methods to replicate additional amounts of DNA in E. coli are highly likely to result in mutations and/or rearrangements. Therefore, OriGene does not guarantee the capability to replicate this plasmid DNA. Additional amounts of DNA can be purchased from OriGene with batch-specific, full-sequence verification at a reduced cost. Please contact our customer care team at custsupport@origene.com or by calling 301.340.3188 option 3 for pricing and delivery.
	The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. More info
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:	NM_004416.2 , NP_004407.2
RefSeq Size:	3317 bp
RefSeq ORF:	1863 bp

Locus ID:	1840
UniProt ID:	Q86Y01
Cytogenetics:	12q24.13
Domains:	RING, WWE
Protein Families:	Druggable Genome, Transcription Factors
Protein Pathways:	Notch signaling pathway
Gene Summary:	Studies in Drosophila have identified this gene as encoding a positive regulator of the Notch-signaling pathway. The human gene encodes a protein of unknown function; however, it may play a role in basic helix-loop-helix transcription factor activity. [provided by RefSeq, Jul 2008]