

Product datasheet for **SC326111**

DTHD1 (NM_001136536) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	DTHD1 (NM_001136536) Human Untagged Clone
Tag:	Tag Free
Symbol:	DTHD1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >SC326111 representing NM_001136536.
 Blue=Insert sequence Red=Cloning site Green=Tag(s)

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GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCACGATCGCC
ATGTGTCTCGAGAAAAGGTATCTTGATGTGCTGAGTGATGTTACTGGCCCCCAAGTGTCTTGTTATATT
ACAGACCATCATATGTTCTACAACAACCTAGAATGCCGATAATAAATCACATGAGTTCTTTAATAGTG
GGTGATAATGAAGAGTTAGTTAGCAACGTCATAACTATTGAATGCTCAGATAAGGAAAAGAGAGTTCCA
TTTCCAATAGGCATTGCAATTCCATTTACTGCACGTTACAGAGGAAATTACAGAGATATCATGGTGAAA
GTGTGTGACATAAACCTTCAATCAAGTTACCTAAACCCAAATTCCTAGAGGAATGAAGGGAGGTTAT
AAGGGGACCTGTGCTTCAGTAAAAGTTTACAAATTGGGTATCTTTCTGTTGTGCTTGTGTTAAAGAAA
GAGTCGTTACAGTAACAAAGAAAGGCCTCGCTCTTAAGTCAAGCATGGATCCCGAATATCCTTAAAT
TACCTCCAGGAGTTTTACCTCTCCAGTGTGGTGCAGTTAAAGATCCAACCAAGTTGACCCAGCTCTG
GTGGCACATTTAAAGCACAGCAAGATACTTTCTACTCAGTCCAATCCACAAGCCCTCTGATTACATT
CAGCACCCATCACTTATCCTTTTTCAGAAGCCAGTCACTTGTTTTTACCTTGTCTCCATACCTTGAT
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TCGATTTTCAACCGACAAAAATTGCCTCCATAAGAAAACCTAGGAAAAATGCCAGTGAATGTTGAAA
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GACAATAGTCATTTGGTTACTTTTGTGAAATCTTTAGAGGAAGCCATGCTCAGCACCCTGCCTGCATA
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CAGGTGCTTAAGGACCTGCATTTGGAAGGTTTGGAGGACCTCCAGAGCCATCTCGTCATTTCCAAGTT
CGAGAAGGAGAACAACTTCTTTTAAGATTACTGGAAACATATTTGCTTCAAGCAACGGGAAGGATTAT
GGAAAAGACTACACACTTATTTTTCACCTTGCAAAAGAAAACCTAGGCTGGAACTCCAAATCAAAGAAGTG
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GAGTCTCTTCTCAACTCTCCCTCTGCGCCGTAGCACCATTAGCTCATCAACTCAAGAACCTGAT
GATCTCACAGAACAGATCCACGAGTTTCTTTGCTTCTGAAAAAATCGCTTCAACTTTCACCGACAAA
CTTCGCCTCTGGCTCGACATCTCCGCAAGATTGGCAGGAGTGATCTTGAGAAGAGCTCAAATTCAG
TGGGAAAATAAAGTGTTCACTGAACCACAGCAGTGTGTTGATGTAGCCCTGAGTAA
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC
  
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Restriction Sites: SgfI-MluI

ACCN: NM_001136536

Insert Size: 1851 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).

OTI Annotation: This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.

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_001136536.4](#)

RefSeq Size: 3210 bp

RefSeq ORF: 1851 bp

Locus ID: 401124

UniProt ID: [Q6ZMT9](#)

Cytogenetics: 4p14

MW: 69.8 kDa

Gene Summary: This gene encodes a protein which contains a death domain. Death domain-containing proteins function in signaling pathways and formation of signaling complexes, as well as the apoptosis pathway. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Oct 2012]

Transcript Variant: This variant (2) differs in the 5' UTR, lacks a portion of the 5' coding region, and initiates translation at an alternate start codon, compared to variant 1. The encoded isoform (2) has a distinct N-terminus and is shorter than isoform 1.