

Product datasheet for **SC329132**

DTHD1 (NM_001170700) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	DTHD1 (NM_001170700) Human Untagged Clone
Tag:	Tag Free
Symbol:	DTHD1
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >NCBI ORF sequence for NM_001170700, the custom clone sequence may differ by one or more nucleotides

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ATGCATGATGAATGTA CTCCACAGCAGACAATGTCCTCCATTCAAGATACCAAAGCAGCA
GACATTGCTGCAAGAGGGGAACTAAATGTCATAGAAACAGCTACTGTTTCTCCACAAAT
GGAGAGGAAAGTCATTACACAAACCAGGTCCAGTTAGAAAAAAATAAACACATATGAGT
TCAGCATTAGTGGAAAAAGAAAACAATACATCACTGAATGGACGTGTACTGGGGCAAGAA
GAGTCACAGAATAAAATGTTCCAGATAATGCAGAAAAATGAAGATGATAAACAAATAGAA
CACATGACTGTTGAGAACATAAAATGGCAACAGGGAAGAGACTCATGGCATAATTCAGACA
ACAGAGACAGAAATTCAGAGACTTCAGAAAGCCCAAGAGAAGAGATGACCACATCCTCA
ATAATATGTGATATCTCCAAGAAATATATAAATAGTACTCTTCCAATGATTCAGAGAAT
ATAAAGCACAGAATAACATAATGGAAAAGGAGTATCTTGATGTGCTGAGTGATGTTACT
GGCCCCAAGTGTCTTGTATATTACAGCACCATCATATGTTCTACAACA ACTAGAATGC
CGGATAATAAATCACATGAGTCTTTAATAGTGGGTGATAATGAAGAGTTAGTTAGCAAC
GTCATAACTATTGAATGCTCAGATAAGGAAAAGAGAGTCCATTTCCAATAGGCATTGCA
ATTCCATTTACTGCACGTACAGAGGAAATTACAGAGATATCATGGTGAAGTGTGTGAC
ATAAACCTTCAATCAAGTTACCTAAACCCAAATCACTAGAAGGAATGAAGGGAGGTTAT
AAGGGGACCTGTGCTTCAGTAAAAGTTTACAAATTGGGTATCTTTTCTGTGTGTCTTGT
TTAAAGAAAGAGTCGTTACAGTAACAAAGAAAGGCCCTCGCTCTTAAGTCAAGCATGGAT
TCCCGAATATCCTTAAATACCTCCAGGAGTTTTTACCTCTCCAGTGTGGTGCAGTTA
AAGATCCAACAGTTGACCCAGCTCTGGTGGCACAATTTAAAGCACAGCAAGATACTTTT
TACTCAGTCCAATCCACAAGCCCTCTGATTCACATTCAGCACCCATCACTTATCCTTTT
CAGAAGCCAGTCACTTTTGTTTTACCTTGTCTCCATACCTTGATAAAAAACAACCTTGGT
TCTGAGATAGATCATAAAGAAGAGCAAGTGCCACAATAAATAGGATTACACCTTCGTAT
TTCAACCGACAAAAATTCCTCCATAAGAAAACCTAGGAAAAATGCCAGTGAATGTTTG
AAATTA CTGGATT CAGAAGCCAAGACAGTGGTTGGTGTGGGCTTGATGATGTTGTGAAA
ACCATACAGAGCGGCTTGGTATCAGTTGAATTGTATGAACATTTGGAGAGGTTTATTGTA
CTTCACCTCTCTCCACCATGGACAATAGTCATTTGGTACTTTTGTGAAATCTTTAGAG
GAAGCCATGCTCAGCACCCTGCCTGCATAGTACTGTCTCACCAGAAGGACAATCCACAT
AGAATAGCTGTTTAGTGGTGCCTTCAAAGATTTAAGCCAGGTGCTTAAGGACCTGCAC
TTGGAAGGGTTTGGAGGACCTCCAGAGCCATCTCGTCATTTCAAAGTTCGAGAAGGAGAA
CAACTTCTTTAAGATTTACTGGAACATATTTGCTTCAAGCAACGGGAAGGATTATGGA
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GAAGTGGACGAATTTGGAACATATAGTTGCCCTCATTACAAAGGCACCATTGTCGTTTAT
AAAGTACCTAAAGGAAAGATAGTCCCAACTTGAATCAATCTCTCGTAATTAATGAAAAC
CATTCTCAGTTGCCAATTTGCAAATTACCATTGAAATTGCCAAAGCATAAGAAAATTAATC
AACCGTCCACAGAGTACCAAAAGAGTTTCTAAGGATCCTGTAGAAGCCCTTTGGGATAAC
TTGCTCCATTGGCTGGCTGAGGAGCTCTCAGAAGAAAATGCTGAGTCTCTTTCTCAACT
CTCCCTCTGCGCGTAGCACCATT CAGCTCATCAA ACTCAAGAACCCTGATGATCTCACA
GAACAGATCCACGAGTTTCTTTGCTTCTGAAAAAATCGCTTCCA ACTTTACCGACAAA
CTTCGCCTCCTGGCTCGACATCTCCGCAAGATTGGCAGGAGTGATCTTGCAGAAGAGCTC
AAATTC AAGTGGGAAAATAAAGTGTTC ACTGAACCACAGCAGTGT TTTGATGTAGCCCT
GAGTAA
    
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Restriction Sites: Please inquire

ACCN: NM_001170700

Insert Size: 3365 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:	<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:	<u>NM_001170700.1</u> , <u>NP_001164171.1</u>
RefSeq Size:	3365 bp
RefSeq ORF:	2346 bp
Locus ID:	401124
UniProt ID:	<u>Q6ZMT9</u>
Cytogenetics:	4p14
Gene Summary:	<p>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]</p> <p>Transcript Variant: This variant (1) represents the longer transcript and encodes the longer isoform (1). Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments. CCDS Note: The coding region has been updated to extend the N-terminus to one that is more supported by available conservation data.</p>