

Product datasheet for **MC221744**

Dthd1 (NM_001170705) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Dthd1 (NM_001170705) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Dthd1
Synonyms:	Gm17384
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >MC221744 representing NM_001170705
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGCTTCTAAAGAAAGAGGAAAAGGAAATGTGTAAATTTATGCAGCATGCATGAGGACCGTACTCCACAGC
 AGACAATATCAGCCATTCAGGATACCAAAGCAACAGACATTGCTCCAAGAAGGGAATAAATGTCATGGA
 AACAGCTACTGTTGCTTCTACAAATGCAGGGGAGAGCCATTCCACCAACCAGGTCCAGTTAACAGAAAAT
 AAAACACAGATAAATTCTGATTTAGGAAAAAAGAAAACAATGACCCATTGAGTGGAATGTAATAGGGC
 AAGAAGAGTCACAGAGCACAGTGTCCAGATAATGCAGAAAAAAGAGTAAAAACAATAAGAACCGT
 GACTGCTGAGAACATAAATGGTAACAAGAAAGATATTCATGATGCAATCCAGACAACAGCAAGGGAAATT
 CAAGAGACCTCAAAAAGCCAAAGAGAAAAGATTACCACATCCCCAACAGCATGGGATGTCTCCAGTAAGG
 ACATGAATAATCTTTATAATGAGTCAGAGAGTCTAAAACAAAAGAGTAACATAATGGAAAAGGAGTATCT
 TGCTGTTCTGAGTGATGGGACTGACCCTCAAGTCTCTTGTATGTTACAGCACCATTGCAGTCTCTACAG
 TGGTTTACTGCCAGATAACTAATGACATGAGCTCCTTTATAGTGAGTGATAATGAAGAGTTGGTCAGCA
 ATGTCATCACTGTTGAATGCTCAGATAAGGACAAGGAAATTCATTCCCAATATGCATTACAATTCATT
 CAAGGCATGCTACAAGGGAAATTACAGAGACATCATGGTAAAAATGTCGGACAGAAACTTTCAGTCAAGT
 TACCTTATCCCAAATTTACTGAAAAGAATGAGAGGAAGTTGTAAGGGGACTTGTGCTTCAGTCTATGTTT
 ACAAGTTGGGGATGTTTTCTGTAGTGTCATGTTAAAAAACAGTCTTTCACAGTTACAAAGAAGGGGCT
 CACTTGGAAAGTCCAGCATGGATGCCAGGATATCCTTCAGTTATCCTGCAGGAGTTTTCACTTCACCAGTG
 CTTGTACAATTAAGATCCAGCCAGTTGACCCTTCTCTAGTGTCATATTTAAAAGCACATCAAGATCCTT
 CCTATTCAGTAATGTCCACCAGTCCACTATCTGCATCCAGCATCCATCAACTCATCCCTTCAGAAGCC
 AGTCACTGTGTTTCTCCCTTGTCTCCTCTCCCTGAAAAAAGAACCTTGAGTCTGAGAAAAGATCACAGG
 AGACCAGAGAGTGCAACAGTGCACAGGAGCCTGCAAAACCCCTCCTATTTCAACAGGTCCAAAAGTCCAT
 CTCTCCGAAAACCTGGTAACAGTGCATGTGAAACTTTAAAATTACTAGGATTACAGGAGCCGAGACAGTGG
 TTGGTTTGGGATTGATGATGTTGTGGTGAGAACTGTCCAGAGTGGCTTGGTATCATTTGAATTATGTGAA
 CACTTAGAGAGGTTTATAGTACTCAACCTGTCTCCCCAGTGGACAACAGCCTCTTGGTTTCTTTGTCA
 AGTCGTTAGAGGAAGCCTCTCTCAGTACCCTGCCTGCATTGTACTGTCACACCAGAAGGACAACCCACA
 TCGGGTGGTTATTTAGTGGTACCTTCTAAGGAGTTAAGTCTCGTGTGAAGAGCTTGCCTCAGAAGGG
 TTTGGAGGACCAGAATCATCTAGACAATCCAAGTAAGAGAAGGAGAACAACCTTCTTTTGGGTTTACTG
 GAAACATATTTGGTTCAAGCAATGGGAAGGATTATGAGAAAAGACTACAAGCTCATTTTTACCTGCAAAAG
 AAAACCCAGGCTAGAACTCCACATCAAAGAGGTGGATGAATTTGGGAATTATAGTGCCTCATTATAAAA
 GGTACCATTACAGTTTACAAAGTACCCAGAGAGAAGATCGTCCCCAAGTGGATCAAACACTTTCATGAAA
 CTTTTTATCAGTTTCCAGTTTGCAAATACCCTGAAATGGCAAAGCATGAAAAAGTGATTAACCGTCC
 ACAGAGCACCAAGAGAGTTTCTACAGACCCCTAGTGGCCCTTTGGGATAACTTGCTCCACTGGCTGGCT
 GAGGAACTCGTGAAGAAGGTGCTGAGGTCCTCGCTGCATCCCTCCACTGCGCCGACAGCACAGTCCAGC
 TCATCAAACCTAAGCATCCCGATGATCCAACAGAGCAGATCCACGAACTCCTTTGCTTCTGAAAAAGATC
 ACTCCCGACTTCCACTGACAAAATTCGTCTCCTGGCGGCCATCTCCGAAAAATGGGCCGCGGTGATCTC
 ACAGAAGAGCTCAAATTCAAATGGGAACACAAGGTGTTACAGAACCACAATCTTGGTTTGTATGTGGCTA
 CTGAATAA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-MluI
ACCN: NM_001170705
Insert Size: 2388 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:	<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_001170705.1</u> , <u>NP_001164176.1</u>
RefSeq Size:	2437 bp
RefSeq ORF:	2388 bp
Locus ID:	100322896
Cytogenetics:	5 32.04 cM