

Product datasheet for **SC112803**

DENTT (TSPYL2) (NM_022117) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	DENTT (TSPYL2) (NM_022117) Human Untagged Clone
Tag:	Tag Free
Symbol:	DENTT
Synonyms:	CDA1; CINAP; CTCL; DENTT; HRIHFB2216; NP79; SE204; TSPX
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >OriGene ORF within SC112803 sequence for NM_022117 edited (data generated by NextGen Sequencing)

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ATGGACCGCCAGATGAGGGGCTCCGGCCAAGACCCGCGCCTGAGCAGCTCCGAGTCT
CCACAGCGGACCCGCCCCCGCCGCCGCCGCCGCTCCTCCGACTGCCGCTGCCT
CCACCCAGCAGCGCCGAGGCTCCAGGAGGAAACGGAGGCGGCACAGGTGCTGGCCGAT
ATGAGGGGGTGGGACTGGGCCCGCGCTGCCCGCCGCTCCCTATGTCATTCTCGAG
GAGGGGGGATCCGCGCATACTTACGCTCGGTGCTGAGTGTCCCGGCTGGGATTCTACC
ATCGAGTCGGGGTATGGGGAGGCGCCCGCCACGGAGAGCCTGGAAGCACTCCCACT
CCTGAGGCCTCGGGGGGAGCCTGGAATCGATTTTCAGTTGTACAGTCGAGCAGTTTT
GGTGGAGAGGGGGCCCTAGAAACCTGTAGCGCAGTGGGGTGGGCGCCCCAGAGGTTAGTT
GACCCGAAGAGCAAGGAAGAGGCGATCATCATAGTGGAGGATGAGGATGAGGATGAGCGG
GAGAGTATGAGGAGCAGCAGGAGGCGGCGGCGGCGGAGGAGGAAGCAGAGGAAGGTG
AAGAGGAAAGCAGAGAGAGAAATGCCGAGAGGATGGAGAGCATCTGCAGGCACTGGAG
GATATTCAGCTGGATCTGGAGGCACTGAACATCAAGGCAGGCAAAAGCCTTCTGCGTCTC
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CATATCCAGGCTTCTGGGTCAAAGCATTCTCAACCACCCAGAAATTTCAATTTTGATC
AACCGACGTGATGAAGACATTTTCCGCTACTTGACCAATCTGCAGGTACAGGATCTCAGA
CATATCTCCATGGGCTACAAAATGAAGCTGTACTTCCAGACTAACCCCTACTTCAAAAAC
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CCAATCCGCTGGCACCAGGGGCCAGGAACCCAGGCCCGTCTGACGGGAACAGGATGCG
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GAGATTATCAAGAATGATCTGTGGTTAACCTCTACGCTACTACCTGAGAGAAAGGGGC
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GTGGTGATCATGGAAGACGCCCCGACTATTATGCAAGTGAAGACATTTTCAGCGAGATC
TCAGACATTGATGAGACAATTCATGACATCAAGATCTCTGACTTCATGGAGACCACCGAC
TACTTCGAGACCACTGACAATGAGATAACTGACATCAATGAGAACATCTGCGACAGCGAG
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GACCACGAAACCACTGACAACAATGAGAGTGCAGATGACAACAACGAGAATCCTGAAGAC
AATAACAAGAACACTGATGACAACGAAGAGAACCCTAACAACAACGAGAACAATACGGC
AACAACTTCTTCAAAGGTGGCTTCTGGGGCAGCCATGGCAACAACAGGACAGCAGCGAC
AGTGACAATGAAGCAGATGAGGCCAGTGATGATGAAGATAATGATGGCAACGAAGGTGAC
AATGAGGGCAGTGATGATGATGGCAATGAAGGTGACAATGAAGGCAGCGATGATGACGAC
AGAGACATTGAGTACTATGAGAAAGTTATTGAAGACTTTGACAAGGATCAGGCTGACTAC
GAGGACGTGATAGAGATCATCTCAGACGAATCAGTGAAGAAGAGGGCATTGAGGAAGGC
ATCCAGCAAGATGAGGACATCTATGAGGAAGGAAACTATGAGGAGGAAGGAAAGTGAAGAT
GTCTGGGAAGAAGGGGAAGATTCGGACGACTCTGACCTAGAGGATGTGCTTCAGGTCCCA
AACGGTTGGGCCAATCCGGGGAAGAGGGGGAAAACCGGATAA

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Clone variation with respect to NM_022117.3

5' Read Nucleotide Sequence:	<p>>OriGene 5' read for NM_022117 unedited</p> <pre>GGGCGGCCGCAATTCGGCACGAGGGCGAGGTGGTGAAGGAAGAAGCTGGTTGCGTGAGT CTCCTCAGCTCTGCTTTACCGGTGCGACAAGCGGCAGCGAACGCGGCTTAAAAACGAAAG GGCGAGTGCAGTCCCCTGAGCTGTACGAAACGCGGTCCGCATGGACCGCCAATGAGGG GCCTCCGGCCAAGACCCGCCCTGAGCAGCTCCGAGTCTCCACAGCGGACCCCNCCC CCGGCCGGCCGCGNCGCCGCTTCTCCCGACTGCCGCTGCCTCCACCCACGACGCGCCC AGGCTCCAGGAGGAAACGGAGGCGGCACAGGTGCTGGCCATATGAGGGGGTGGGGGAAT GGGCCCCCGCGCTGCCCGCCGCTCCCTATGTCATTCTCGAGGAGGGGGGGATCCGC GCATACTTCACGCTCGGTGCTGAGTGTCCCGGCTGGGATTCTACCATCGAGTCGGGGTAT GGGGGAGGGCGCCCCCGCCACGAGAGCTGGAAGCACTCCCCACTCCTGGAGCCTCGG GGGGGAGCCTGGAAATCGATTTTCAGTTGTACAGTCGAGCAGTTTTGGGGAAAGGGG GGCCCTAGAAACCTGTAGCGCAGTGGGGTGGGGCCCCCATAAGTTAATTGACCCAAAA AGCAAGGAAAAAGCAATCATTATAGTGGAGGATAAAGATGAGGATGAACCGGAAATATTA GGAGCANNAGAGGGGCGCGGCGGAGGAAGACCANAGAAAGTTGAAAAGGAAAAACA AAAAAAAATGCGAGAAGATGAAAAATCCTGCAGCACTGACGGAAATCAATTTGACTGG GAGCAGGAAATTAAGGCAGCAAAGCCTTCTGTTTTAAGCCAAAGTTATCAAAGCAAAA CTTTCTGGAGCAAAAATATATCCACTATCCAGCTTTTGGTAAAAAA</pre>
3' Read Nucleotide Sequence:	<p>>OriGene 3' read for NM_022117 unedited</p> <pre>TTTAGCTTGGACCGGCGCCGAATCTAGNAGTCGGTTTTTTTTTTTTTTTTTTTGAAGT GCTCAGAAATTTATTGGGATTAACAGGGTCCACGGGGAGAGGCGAGCCTTCTGGGGGACG GGGACAAGAATACCGCAAAGAATACCGCAATGGCGAAGCGGCCTTGCCATAGACACCGAGG CGGGCTAGCGGCGCGCGGGAAGAGGAGGGATGGAGAAAGAACTTGGGAGAGGAAGGT GGCAGCAGCGCCTCCATGGGCACTGCGCGGCTGTGACGAAGGCCACAGCGGCCCTCCCCG CTTCGGGGGTGAGGGTGTCCACTCCACACAGCACAGGGAGAGGGGCTGGGGCCACAAGT ACTGGGAGAAGTGGGTAGAGGGGCCCTGACCAAGGCATCAACAATAAATACAGTTAGCAGC ACACAGAAGCCTGCGGGGGCGGAGGGCCAAAAGAAGGGGACTAGCCCCCTTTCCCTTCCC CCAAAATAAGAACTCTGCAATGACTAAACCATAAAAAATAAACTTTAAACCCGTGTACGAA TATCGGTCACCCCAAAAGTGAATGTGGGGCCGCTGGCCCTAGCTGACGAGGAGGGCA TATCGGGAAGTGGCCGCTGGATCTTCGACGGGCATCCCTTATGCGCGTTACTCGTTTTCG TTTTCTTCCCTTTTCCCTCCCCCGCCCTTGCCTGCCCATCCCTTTCTTTTCCCCC TTCTTTTTTCCCCCTCCATTCTTCCACAAATTTTCCATGGATTCCACAACACCCACC CCCCTTCTCATCTCACCTTCTGCCTCCCCCTCCTCCCCCTTCTCCATCCTTCCCG CCATCCACCCTCCTAATCCCATCTTATTATCCACCCCTTTATGCCCCCCACGTCAGT TACTACTACCGCGTGCCTCACCTTTATCTCCCTTCTGCTCCGTCCTCCCTCTCT</pre>
Restriction Sites:	NotI-NotI
ACCN:	NM_022117
Insert Size:	2870 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:	NM_022117.1 , NP_071400.1
RefSeq Size:	2830 bp
RefSeq ORF:	2082 bp
Locus ID:	64061
UniProt ID:	Q9H2G4
Cytogenetics:	Xp11.22
Domains:	NAP
Protein Families:	Druggable Genome
Gene Summary:	This gene encodes a member of the testis-specific protein Y-encoded, TSPY-like/SET/nucleosome assembly protein-1 superfamily. The encoded protein is localized to the nucleolus where it functions in chromatin remodeling and as an inhibitor of cell-cycle progression. This protein may play a role in the suppression of tumor growth. [provided by RefSeq, Sep 2009]