

Product datasheet for **RN217616**

Dmbt1 (NM_022849) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Dmbt1 (NM_022849) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Dmbt1
Synonyms:	Crpd
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>RN217616 representing NM_022849 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGGGATCTCCATCGTTATCTTTGAAATATGTCTTTGTGGGGTCAAATCTTTCTACAGCTTCTCAAT
CAAGAAGTTCCACACCTGATTGGTGGAACCATGGGGGCACAATTAATGATGTGATCTACGACACTCAAGA
AACCCAGAAAGTGACGACTACTCAAGTTCTGATTCCACATCAATAGGAACAGATTCTGGTTTGGCTGTG
AGGCTGGTGAATGGAGGAGACAGGTGTCGGGGTCGCGTGGAGATCCTTTACCAGGGTTCTGGGGCACCA
TGTGTGATGACGGAACAGATTCTGGTTTGGCTGTGAGGCTGGTGAATGGAGGAGACAGGTGTCGGGGTCG
CGTGGAGATCCTTTACCAGGGTTCTGGGGCACCATGTGTGATGACAGCTGGGACATCAATGATGCCAAC
GTGGTGTGCAGGCAGCTGGGCTGTGGCTGGGCCTTGTCTGCCCCAGGAAGTGCCAGTTTGGACAGGGTC
TGGGTCCCATTGTTCTGGATGACGTGGCCTGTAGAGGACATGAGGCCTATCTGTGGAGCTGCTCCCACCG
AGGCTGGCTCTCTCATAACTGTGGACATCAGGAGGATGCTGGAGTGATCTGCTCAGATTCTCAAACAAGC
AGTCCACACCCGGTTGGTGGAACCCCGGGGCACAAATAACGATGTGATCTACGACACTCAAGAAACCA
CAGAACTTCTCAAACAAGCAGTCCCACACCTGATTGGTGGAACCATGGGGGCACAATTAATGATGTGAT
CTATGACACTCAAGAAACCAAGAAGGAACAGATTCTGGTTTGGCTGTGAGGCTGGTGAATGGAGGAGAC
AGGTGTCGGGGTCGTGTGGAGATCCTTTACCAGGGTTCTGGGGCACCGTGTGACGACAGCTGGGACA
TCAATGATGCCAACGTGGTGTGCAGGCAGCTGGGCTGTGGCTGGGCCTTGTCTGCCCCAGGAAGTGCCCA
GTTTGGACAGGGCTCTGGTCCATTGTTCTGGATGACGTGGCCTGTAGAGGACATGAGGCCTATCTGTGG
AGCTGCTCCCACCGAGGCTGGCTCTCTCATAACTGTGGACATCAGGAGGATGCTGGAGTCATCTGTTTAT
ATTCTCAAACAAGCAGTCCCACACCCGATTCTCAAACAAGCAGTCCCACACCCGGTTGGTGGAACCCCGG
GGGCACAAATAACGATGTGCTCTATGGACCCGAACAGACCACAGACGCAACAGATTCTGGTTTGGCTGTG
AGGCTGGTGAATGGAGGAGACAGGTGTCAGGGTCGTGTGGAGATCCTTTACCAGGGTTCTGGGGTACCG
TGTGTGACGACAGCTGGGACACCAAGGATGCCAACGTGGTGTGCAGGCAGCTGGTCTGTGGCTGGGCCTT
GTCTGCCCCAGGAAGTGCCCACTTTGGACAAGGCTCTGGATCCATTGTTCTGGATGACGTGGCCTGTACA



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GGACATGAGGCCTATCTGTGGAGCTGCTCCACCGAGGCTGGCTCTCTCATAACTGTGGCCACCATGAGG
 ATGCTGGAGTCATCTGTTGAGATGCCAAACCCAGAGCACAACCTGGCCAGATATGTGGCCTACTACCAC
 TCCAGAACTACAACAGATTGGTGGACTACAAAATATTCTTCTCTGTTCTTACAACACAATTCCCCACC
 ATAGCCGATTGGTGGACAACCTCTTCTCCGGAATACACCTGTGGAGGTTTACTGACCCTACCCTATGGGC
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 TCACCTCAACCCAGAACCTTCATGTCTGTAGTCTTTATCACGGATGGCAGTGTACAGGAGAGGGTTCCA
 AGCTGACTACTACTCCTATCAGCACCAGCACAACCTCTCCAACGACGTTCCCGATCGTTACTGAT
 TGGTGGACAACCTCTTCTCCGGAATACACCTGTGGAGGTTTACTGACCCTACCCTATGGGCAGTTTTCCA
 GCCCATACTACCCTGGAAGCTATCCTAACATGCCAGATGTTTGTGAAAAATTTTCGTCCCAGCATGAA
 CCGTGTGACAGTGGTCTTCACAGATGTGCAGCTTGAAGGAGGTTGCAACTATGACTACATCTGGGTTTT
 GATGGTCTGAATAACAATTCTTCTCTCATTGCTCGGTTTGTGATGGGTCCAATGGATCTTTCACCTCAA
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 CTACTCCACTCCTATCAGGACCAGCACAACCTCTCCAACGACGTTCCCGATCATTACTGGAAATGATTCT
 TCATTGGTGTGAGGCTGGTAAATGGAACAAACCGGTGTGAGGGCCGAGTGGAGATCTTGTACAGAGGCT
 CTTGGGTACCGTGTGCCGACGACAGCTGGGACATCAATGATGCCAATGTGGTCTGCAGACAGCTCGGTTG
 TGGCTCTGCTCTGCTCTGCTCCAGGAAATGCTTGGTTTGGTCAGGGTTTCAAGGCTCATTGCTCTGGATGAT
 GTGCTTTGCTCTGGGTATGAGTCCACCTGTGGAATTGTCGTACCCCTGGCTGGCTTGTTCATAATTGTC
 GTCATGTTGAGGATGCAGGAGTCATTGCTCACTCCCTGATCCGACTCCCTCTCTGTCAGTTTGGAC
 AAGTCTCTCTTTGTAACTATACTTGTGGAGGTTTCTGACTGGACTCTCTGGCAATTTTCTAGCCCA
 TACTACCCTGGGAGCTATCCTAATAATGCCAGATGTTTGTGGAACATTGAAGTCCCAACAACTACCGCG
 TGACTGTGGTCTTCAGAGATGTGCAGCTGGAAGGGGGCTGCAACTATGACTATATAGAGATTTTGTGATGG
 CCCCACCACAGTTCACCTCTCATTGCCCGGGTTTGTGATGGGGCCATGGGCTCTTTCACCTCAACATCC
 AACTTCATGTGAGTTCGTTTCACTGATCAGTGTACTCGAAGAGGTTTCCGGGCTGACTACTACT
 CAGACTTTGACAATAATACCACCAATCTCTTTGTCTGTCAAATCACATGAGAGCCAGTGTGAGCAGGAG
 CTACCTTCAGTCCATGGGCTACTCCTCCAGGGATCTTGTCTTCTGGTTGGAACGTGAGTTACCACTGT
 CAGCCTCAGATAACACAAAGGGAGGTATATTACAATTCCTACACAGGCTGCGGTACTACCAACAGG
 CTGACAACGAGACCATCAACTACTCCAACCTCTCAAAGCGGCTGTTTCAAATGGCATCATCAAAGGAG
 AAAGGATCTCCACATCCATGTGAGTGAAGATGCTTCAGAACACCTGGGTCAACACCATGTACATCACC
 AACACACAGTCGAGATCCAGGAAGTCCAGTATGGCAATTTTACGTGAATATTTCTTTTATACATCCT
 CCTCCTTCTTGTATCCAGTGACCAGCAGCCATATTATGTGGATCTGGACCAGAATTTGTACCTTCAGGC
 CGAAGTCTCCTTCCGATACCTCTTTGGCTCTGTTTGTGGACACCTGTGTGGCTTCGCCACATCCCAAT
 GACTTCTCGTCTTTGACATATGATCTCATCAGGAGTGGATGCATACGAGATGAACTTACCAATCTTACT
 CCTCGCCCTCACCACGCATACCCGCTTTAAATTCAGTCTTTTCACTTCTCTGAACCGCTTCCCCTCAGT
 ATACCTACAGTGTAACTGGTGGTTTGTGAGCAACGATGTCTCTCACGGTGTACAGAGGATGTGTA
 GTAAGGTCCAAGAGGGATGTAGGCTCTACCAAGAAAAGGTGGATGTTGTTCTGGGACCCATCCAGTTGC
 AATCTCCAGCAAAGAAAAGAGGAGTCTCGACTTGGCAGTGGCAGATGTGGAGAAGCCAGCCAGCTCCCA
 GGAGGTCTATCCCACTGCAGCCATCTTTGGTGGAGTCTTCTGGCCCTGGTTGTAGCTGTGGCAGCCTTC
 AACTGGGAAGGAAGACACGCACTGCCCCGTGGTCAACCTCCAAGTACTAAGATGTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_022849
Insert Size: 4257 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:	Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
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:	<u>NM_022849.3, NP_074040.2</u>
RefSeq Size:	4651 bp
RefSeq ORF:	4257 bp
Locus ID:	170568
UniProt ID:	<u>Q8CIZ5</u>
Cytogenetics:	1q41
Gene Summary:	putative scavenger receptor; may be involved in liver repair and differentiation [RGD, Feb 2006]