

Product datasheet for **MC203043**

Btd (NM_025295) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Btd (NM_025295) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Btd
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF:	>BC024051 CCCACGCGTCCGGGACGAGCCGGAGGCCGCGTCTATGCGAAGCAGATTTATGGTCTGCATTATGTCTGG AGCCCGCACTGCGCCTGCTCTTCTTCTCGGCTGTTCTGCGCTTGCCTGGGGCTCAGCTCGGCCTCC CAGGAGCACCGCGAGGCTGAGTACTACGTGGCTGCTGTGTACGAGCATCCATCGGTCTGAGCCAAACC CCCTGGAGCTCGTTAGCCGCCAGGAGCCCTGGAGCTCATGAAGCAGAACCTCGACGTCTATGAACAGCA AGTGATGGCTGCAGCCCAGAAGGGTGTGCAGATTATAGTGTCCAGAAAGATGGTATCCACGGATTCAAC TTTACAAGAACATCCATTTACCCGTTCTTGGATTTTATGCCGTCTCCCAAGCTGGTCAGGTGGAACCCGT GTCTGGAGCCCTTTCGGTTCAATGACACGGAGGTCCTCCAGCGCCTGAGTTGTATGGCCATCAAGGGAGG GATGTTCTTGGTGGCCAATCTTGAACGAAACAGCCTTGCTCAGCAGCGACCCTGGTTGCCACAGGAC GGGAGATACCAGTTTAAACACAAATGTGGTGTTCAGCGACAATGGAACCTTGTGCGACCGCTACCGTAAGC ACAACCTGTACTTTGAGGCGGCCTTTGATACCCCTGCTAACGTGGACCTCATCACCTTTGATACGCCCTT TGCTGGCAAGTTTGGCGTGTCACTTGTCTTTGACATCCTATTCTTTGACCCTGCCGTCCGACTCCTCAGA GACTTTGAGGTGAAACACATTGTGTACCCACAGCCTGGATGAACCAGCTACCGCTTTGGCAGCCATTG AAATTCAGAAAGCATTGCCACCGCCTTCGGTGTCAACGTTTTGGCAGCTAACATCCACCACCCGACTCT GGGGATGACCGGCAGTGGCATAACACCCCTCTCAAGTCTTTTGGTACCATGACATGGACGACCCCAA GGTACACTATAATTGCCAGGTAGCCACAACCACAGGGCCTCACTGGGACAGGGAATACAACACTAGTG AGATGGACCCGTCCTATAGGAAGTTCTTAAAAATCCTGTCCGGAGATCCGTAAGTGTGAGAAGGATGCCCA GGAAGTGCAGTGTGATGAGGCGCCAAGTGAACGTGAATGTCCCGCCACCTTCCACTCGGAAATGATG TATGACAAATTCACCCTGGTCCCTGTCTGGGGAACGGAAGGCCACCTGCAGGTGTCTCCACAGCCTCT GTTGCCACTTACTGTATGAGAGGCCACCTGTCCAAAGAGCTATATGCCCTGGGAGTCTTTGACGGACT CCACACCGTGCACGGCACCTACTACATTCAAACCTGTGCCCTGGTTAAGTGGGGGGCCTTGGCTTCGAC ACCTGCGGGCAGGAGATCAGGGAGGCCGAGGGCTTGTGACTTTCATCTGTGGGGAACTTCAGCACTT TGTATATCTTTCCTTTATTTCTCACCTCGGGGATGACTCTGACACCCCTGACCAGCTTGGCTGGGAGAA TGACCACTATTTCTTGGGAAGAGGGGACTGTCTCCGGCCTGGTGACAGCAGCTCTATGGACGGTTG TATGAGAGGAAGTAGGAAAATGTGGTACGCGGGTGGGCTCTGGGGACGACCTGCCTTTCCAGGGCCA CAGATCCCAAGTGTGGGAAAGCCACCCTGTGGCACTGGCTCCACCCCTGGGGAGCCGTAAGAAAATGG GAGGGGAGTTCCTTCTTTCTACATAATGACTGAGACATTTTCTGGTATTTTCTATTACTTTAGTCTG TCAGGCCACACCCTTCCCACTACACAATTGGTTTTAAATTTGAAGCCAGAAAATAAACCTCAGTTGCT ATTTTACAAAAA
Restriction Sites:	RsrII-NotI
ACCN:	NM_025295
Insert Size:	1590 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>BC024051</u> , <u>AAH24051</u>

RefSeq Size:	1914 bp
RefSeq ORF:	1590 bp
Locus ID:	26363
UniProt ID:	<u>Q8CIF4</u>
Cytogenetics:	14 B
Gene Summary:	Catalytic release of biotin from biocytin, the product of biotin-dependent carboxylases degradation.[UniProtKB/Swiss-Prot Function]