

Product datasheet for **SC204658**

BTD (NM_000060) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	BTD (NM_000060) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	BTD
Synonyms:	biotinidase
ACCN:	NM_000060
Insert Size:	2000 bp



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Insert Sequence: >SC204658 3'UTR clone of NM_000060
 The sequence shown below is from the reference sequence of NM_000060. The complete sequence of this clone may contain minor differences, such as SNPs.
 Blue=Stop Codon Red=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
CTCTATGGGCGCTTGTATGAGAGGGACTAGGAAAAAGTGTGGTCTGTGGGCGGACTCTGGCCATCAT
GTTGACAGCCTTGCACTTCCACAGGCTACAAGCCCTGGGACCATCTTTCTGCCTTAAGGGCAGGAGCCC
ACTTCTGTGGCACCAGATTCCACCCTGGGAACTGTGAAAAAGTAGGAGAGGCAGATTCCCTCAGTGTC
TTCCTCTTAAACCTCAATCATCGAGACATTAGGGGGTATTTTCTGTTACATTTATCTTTTTCAAGCCA
CATCTTCTCTAACAATCTCTCAGTATGCGATTGGTCTCAAGCTAAAACAAAAATAATGTCAGTTTA
TATTTTACACATCCACAAAGCAGTGGCTTGGGGTTTTTTTTTTTTTTTTTATCTTGTGTGATCAAGTGAC
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AATGGCAATGCTAGCGCCACCAGCAACGTAGACCTTAAAGCGGCTTTTAAAAATAGAAAA
GAAGCGTTCCTCACATCTGCCAGTAATGGAATTTTCTGTGAGTAAATGGAATGTGTAGGCAGGACCTGG
AATAACTGGAGAGAGTGAACGCTTCGGGGTGAAGGGCGGGTGGGGACTGGAAATGTTGAGACGGGGGC
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TTTCTCGCCAGCGCAGCTCCCACCAGGCGTGAGCTGGCAGTCCAGAAGCGGCCCCAGATGTGGCTACC
CACCGCCAGTCTGCTTCCCTGCCTCAAACCCAGGGAGACAGAAATTACCTAAAAATGCATATCATTG
CCTTATGCCAAGATGATTCAAATAAGCCTGAGAAAAGAGAGGCCAGCGCTAAATACAGACTTGGCAGAAC
TACTTCACCCAGTAAACATCTAATCAGCACCTGCAGGATCCTCATTCTGCCCTTCTGGGCAGAGCACC
ACGCGT AAGCGGCCGCGGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCACCGCCGCCTTCTATGAAAGG
  
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Restriction Sites: SgfI-MluI

OTI Disclaimer: Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences, e.g., single nucleotide polymorphisms (SNPs).

Components: The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.

RefSeq: [NM_000060.4](#)

Summary: The protein encoded by this gene functions to recycle protein-bound biotin by cleaving biocytin (biotin-epsilon-lysine), a normal product of carboxylase degradation, resulting in regeneration of free biotin. The encoded protein has also been shown to have biotinyl transferase activity. Mutations in this gene are associated with biotinidase deficiency. Multiple transcript variants encoding different isoforms have been described. [provided by RefSeq, Aug 2013]

Locus ID: 686

MW: 74.4