

## Product datasheet for SC309336

### BTBD8 (NM\_183242) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	BTBD8 (NM_183242) Human Untagged Clone
Tag:	Tag Free
Symbol:	BTBD8
Synonyms:	BTB (POZ) domain containing 8; double BTB; OTTHUMP00000011945; POZ domain containing protein
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC309336 representing NM_183242. Blue=Insert sequence Red=Cloning site Green=Tag(s)

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GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGGCTCGCTGTGGGAAAGGCAGTGCGGCCCCCATGGTACTTCTGGGGTCCGCTGGAGTTTGCAGTAAG
GGTTGCAAAGGAAGGGCCGTGTGAGCGCGCCGGCTGAAGGCGACGGTGTCCGAGCAGCTCAGCCAG
GATTTGCTCAGGCTTCTAAGGGAAGAATCCATACAGATGTTACCTTCTCTGTGGTTGACTTTGTTC
AAAGCACACAAAGCAGTCCTTTTAGCAAGAGTTCCTGACTTCTATTTTCATACTATTGGACAGACATCA
AATAGTTTAAACAATCAGGAGCCTATTGCTGTGGAGAATGTTGAAGCTTTAGAATTTAGAACGTTTTTA
CAGATTATATATTCATCAAACAGAAACATAAAAACTATGAAGAGGAAATTCCTAGGAAAAAGATAATG
GAGATTGGGATATCACAAAAGCAACTTGACATCAGTTTTCCAAAGTGAAAACTCATCTGATTGTTCT
CTTCAGAAGCATGAAATCCAGAGGATATCAGTGACAGAGATGATGATTTCAATTCGAATGATAATTAT
GACTTGGAGCCTGCATCTGAATTAGGAGAAGATTTATTGAAGCTTTATGTGAAACCTTGTGCCAGAT
ATTGATATTTTTGTTGATGGAAAACGTTTTAAAGCTCACAGGGCCATTTTGAGTGCCAGATCTAGTTAT
TTTGCTGCAATGCTGAGTGGCTGTTGGGCTGAAAGCTCCCAAGAGTACGTTACTCTTCAAGGTATAAGC
CATGTAGAACTGAATGTTATGATGCATTTTATATATGGAGGAACTCTGGACATCCAGACAAAACAACTAAT
GTTGGTCAGATACTCAATATGGCTGATATGATGGACTAGAAGGATTAAGAAGTAGCAATCTATATT
TTAAGAAGAGATTACTGTAATTTCTTTCAGAAGCCTGTTCCAGAACATTGACGTCTATACTAGAATGC
CTGATTATTGCTCATTGAGTGGAGTGGAAAGTCTTTTGGCTGACTGCATGAAGTGGATTGTAAGCAT
TTTGCAAGGTTTTGGTCTGAGAGAAGCTTTGCAAATATACCTCCTGAGATTCAGAAAAGTTGCTTAAAT
ATGTTGATTGAGTCTTAGTAAAGTATAACCTGA
ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC
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Restriction Sites: SgfI-MluI



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Plasmid Map:	□
ACCN:	NM_183242
Insert Size:	1137 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:	This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.
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"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
RefSeq:	<a href="#">NM_183242.3</a>
RefSeq Size:	1465 bp
RefSeq ORF:	1137 bp
Locus ID:	284697
Cytogenetics:	1p22.1
MW:	42.8 kDa
Gene Summary:	Involved in clathrin-mediated endocytosis at the synapse. Plays a role in neuronal development and in synaptic vesicle recycling in mature neurons, a process required for normal synaptic transmission.[UniProtKB/Swiss-Prot Function]