

## Product datasheet for **SC326370**

### BTBD8 (NM\_015237) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	BTBD8 (NM_015237) Human Untagged Clone
Tag:	Tag Free
Symbol:	BTBD8
Synonyms:	KIAA1107
Vector:	<u>pCMV6 series</u>

**Fully Sequenced ORF:** >NCBI ORF sequence for NM\_015237, the custom clone sequence may differ by one or more nucleotides

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ATGAGCAGCACAGCCGATCTGTTGGACACAATTTTAAAAGCAATTGAAGAAAATATCACC
ACTGAAAATAGCTGCTCTCTTCTTATGGCTCTGGACACACTGCTGAACTCTGACAGTACA
AAGGAAATGGGTTTTACGTGCAAGATCCAGGCTCTGCGTGATAAGCTGTGGATCTTCCTG
GTTTCAGTCTTTCTATGCTGTTTCGTACACAGAAAGCTGGAAGCTGATGAGCACAGATGAT
CAACAGAAAATCCAAGCAGCTGCATTTGACAAAGGTGATGATCGAAGACTTGGCAAAAAG
CCTATATTCAGTAGCTCGCAGCAAAGGAAACAAGTTTCTGACTCTGGTGATATAAAAAATC
AAATCTTGGAGGGGAAAATAACAAGAAAGAGTGTGGAGTTATCTCTACTAATAAAAAAG
ATGAAATCTGATGGATTAGGAGCATCTGGACATTCGTCAAGTACCAATAGAAATAGTATA
AATAAACTCTGAAGCAAGATGATGTAAAGGAAAAAGATGGTACAAAAATAGCATCTAAG
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GTAGAAAGATCAGCAACAGCAGCAGCAGCAACTGGACAGAAGAAATTTACTAAATGGA
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TCCACTGAATGTCTGGATGAACCGAAAGAAAATGGATCAACAGAAGAAGAAAAGCCTTCT
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AGCAATGGATGTACTGCAGCTCAGCAGAGGACAAAGAGTACCCCATCTAATCTTACTAAA
ACTCAAGGATCCCAAGGAGAGTACCAAACTCAGTAAAAATCTTCAGTCTCTTCAAGGCAG
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CAGAAAATGCCTCCTGGACAGGTTATATCAAAAACCTCAGCCTTCTCCAAAAGACCTTTA
AAACATGAAACATCTACTGTCCAAAAAAGTATGTTTTCATGATGTGCGTGATAATAACAAC
AAGGACAGTGTCTGAACAGAAGCCTCACAAACCTCTCATTAACTTGCATCTGAAATA
AGTGATGCAGAAGCACTCCAGTCATCTGCAGGCTGACCCACAAAAGCCATTAACGAT

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CAAGAAAAGAGAAGTTGGCGTTAGAATGCCAAAATATTTCAAAGCTGGATAAATCATTAAACACGAACTGGAATCAAAACAGATTTGTTTAGATAAAAAGTGAAACAAAATTTCCCAATCACAAAGAAACAGATGATTGCGATGCAGCTAACATATGTTGTCATTCTGTTGGGAGTGATAATGTAATTCAAAATTTATAGCACCACAGCCCTAAAATACATGGTTTCAAATCCAAATGAAAACCTCTGAACTCTAATCCAGTTTGTGATTTAGACTCAACAAGTGCAGGGCAAATCATTGATATCAGATAGGGAGAACCAAGTAGGGAGAAAAGATACAACAAAACAATCAAGTATTAAATGTGTGGAAGATGTTTCACTGTGAATCCTGAAAGGACAAATGGTACCTTAAATCTGTCTCAAGAAGACAAAAAATCGAAAGTTCCTGTGGAAGGACTGACAATTCCTAGTAAGTTGTCAGATGAATCTGCTATGGATGAAGACAAACATGCTACAGCAGACTCAGATGTATCTTCCAAGTGTTCGCGGACAGCTATCAGAAAAAATTCCTCTAAAAATATGGAAACATCAGAATCTCCAGAGAGCCATGAAACTCCAGAACTCCATTTGTGGTCACTGGAATTTGAGTACTGGTGTCTGCATCAGCGAGAGAGTCTGAATCTGACACTGGCAGTGTACCACCTCCGCCATGACATAAAGCCAGATCTGAAGACTATGATGCTGGAGGGTCTCAGGATGATGATGGGTCAAATGACAGAGGTATCTCTAAATGTGGCACTATGCTGTGCCATGATTTTCTTGGAAGAAGTAGCAGTGATACCAGTACTCTGAAGAATTAATAATTTATGATAGTAATTTAAGATTGAAGTAAAAATGAAAAGCAAAGTAATAATGATCTTTTCCAAGTTAATTCACAGTGATGATGAAATCCCTAGGAAAAGGCCAGAAATTTGGTCTCGATCTGCAATAGTTCCTAGGGAAAGAGAAAATATCCACGAGGCAGTGTCCAGTTTGTCTCAGGAAATAGATCAGGTA TCTTCTCAGCAGATGAAACAGAAGATGAAAGACTGAAGCTGAAAACGTTGCAGAAAAATTTCTATATCTAACCCAGCTCCTCAGCAGTTTCAGGGAATAATTAATTTAGCTTTTGAA GATGCAACTGAAAATGAATGTCGTGAATTTTCTGCAACTAAAAAGTTTAAAAGGTCAGTTTACTTTTCAGTCGATGAATGTGAAGAGCTGGGATCAGATGAAGGAGAAGTCCATACTCCC TTTCAGGCTTCTGTAGATTCCTTTTACCTTCTGATGTTTTTGTGGCATTTCATGAA CATCATGGAAGGACCTGCTATTCCAGATTCTCAGGAGAAAGTGAAGATAATATTTTAGAA TGTAACAAAATAAAGGCAATAGTGATGTAAAAATGAAAGCACTGTCTTGGATCTTAGT AGCATTGACTCTTCAAGAAAAATAAACAGAGTGTTCAGCCACAGAAAAAAGAACACA ATAGAGCTCCTATCCAGTAGAAGCAGACAGCTTCTCGAGAAGATAAAAAAGTAAACAAT GGAAGCAATGTGGAAAATGACATTCAGCAACGCAGCAAATTTTGGATAGTGATGTAAAA TCTCAAGAAAGACCATGTCACCTGGATCTTCATCAAAGAGAACCAATTTGACATACCA AAGAACAGCTCTACAAAATCTCTAGACTCTTTCCGAGTCAAGTTCTGCCTCAGGAAGGT CCAGTGAAAGAGAGCCATTCTACAACACTGAAAAAGCTAATATTGCTTTATCTGCAGGA GACATAGATGATTGTGACACACTGGCACAAACCCGCATGTATGACCATCGGCCTTCAAAA ACCCTGTCTCCAATATATGAGATGGATGTAATAGAAGCATTTGAGCAGAAAGTGGAAATCA GAAACACATGTTACAGATATGGATTTTGAAGATGACCAACATTTTGCAAAAACAAGATTGG AACTACTAAAGCAACTGCTCTCTGAACAGGATTCAAACTTAGATGTTACAAATTCGGT CCTGAAGACTTAAGTTTAGCACAGTATCTAATCAATCAGACACTACTTTAGCACAGAT AGCTCAAAACCTCAGGTATAACACATATTGACACTTTGAACAGATGGAGTGAACATAACA TCTCCACTTGATTCCTCAGCGAGCATCACCATGGCTAGTTTTTCTCTGAAGATTGTTCC CCTCAAGGCGAGTGGACAATTCTGGAAGTGGAACTCAGCAT

**Restriction Sites:**

Please inquire

**ACCN:**

NM\_015237

**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.

<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<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>
<b>RefSeq:</b>	<u>NM_015237.2, NP_056052.2</u>
<b>RefSeq Size:</b>	4569 bp
<b>RefSeq ORF:</b>	4065 bp
<b>Locus ID:</b>	23285
<b>UniProt ID:</b>	<u>Q9UPP5</u>
<b>Cytogenetics:</b>	1p22.1
<b>Gene Summary:</b>	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]