

Product datasheet for **RC226387**

BTBD8 (NM_015237) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	BTBD8 (NM_015237) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	BTBD8
Synonyms:	KIAA1107
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>RC226387 representing NM_015237 Red=Cloning site Blue=ORF Green=Tags(s)

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GCC**CGATCGCC**

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ACAAGGATGACGACGAT AAGGTTTAA

Protein Sequence: >RC226387 representing NM_015237
 Red=Cloning site Green=Tags(s)

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MSSTADLLDTILKAI EENITTENSCSLLMALD TLLNSDSTKEMGFTCKIQALRDKLWIFLVQSFYAVRHT
ESWKL MSTDDQQKIQA AAFDKGDDRRLGKKP I FSSSQRKQVSDSGDIKISWRGNKKECWSYLSTNKK
MKSDGLGASGHSSSTNRNSINKTLKQDDVKEKDGTKIASKITKELKTGGKNVSGPKPTVTKSKTENGDKA
RLENMSPRQVVERSATAAAAAATGQKNLLNGKGV RNQEGQISGARPKVLTGNLNVQAKAKPLKKATGKDSP
CLSIAGPSSRSTDSMEFSISTECLDEPKENGSTEE EKPSGHKLSFCDSPGQMMKNSVDSVKNSTVAIKS
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GETLNNKDSKQKMP PGQV I SKTQPSSQRPLKHETSTVQKSMFH DVRDNNKDSVSEQKPHKPLINLASEI
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NICCHSVGSDNVNSKFYSTTALKYMVSNPNENSLNSNPVCDLDSTAGQIHLISDRENQVGRKDTNKQSS
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GSNDRGISKCGTMLCHDFLGRSSSDTSTPEELKIYDSNLRIEVMKKQSNNDL FQVNSTSDDEIPRKRPE
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DATENECREFSATKKFKRSVLLSVDECEELGSDEGEVHTPFQASVDSFSPSDVFDGISHEHHGRTCYSRF
SRESEDNILECKQNKGNVCKNESTVLDLSSIDSSRKNKQSVSATEKKN TIDVLSRSRQLLREDKKNVNN
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EKANIALSAGDIDDCDTLAQTRMYDHRPSKTLSP IYEMDVIEAFEQKVESETHVTDMDFEDDQHF AKQDW
TLLKQLLSEQDNSL DVTNSVPEDLSLAQYLINQ TLLLARDSSKPQGITHTIDLNRWSEL TSPLDSSASIT
MASFSSDECSPQGEWTILELETQH
  
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TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:

Sgfl-MluI

Cloning Scheme:

Cloning sites used for ORF Shutling:



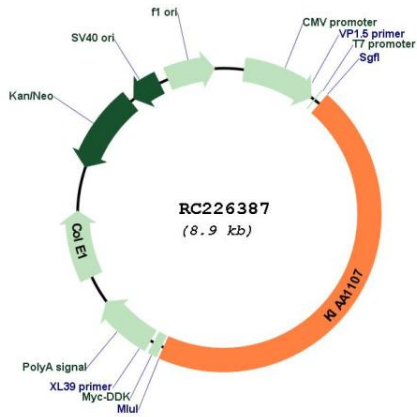
* The last codon before the Stop codon of the ORF

ACCN: NM_015237

ORF Size: 4062 bp

OTI Disclaimer:	The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. More info
OTI Annotation:	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
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:	NM_015237.2 , NP_056052.2
RefSeq ORF:	3840 bp
Locus ID:	23285
UniProt ID:	Q9UPP5
Cytogenetics:	1p22.1
MW:	149.3 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]

Product images:



Circular map for RC226387