

Product datasheet for **MC221015**

Bbs10 (NM_027914) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Bbs10 (NM_027914) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Bbs10
Synonyms:	1300007O09Rik; AI452285
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >MC221015 representing NM_027914
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCGTCCCAGGGTTCGGTGACGGCGGCTTTGCGGGTGGCCAGGTGCTGGAGAGCATCGGAACCGCT
 GCGTGGGGCCCGAGGGCGCCAAGTGTGTGTACGAAGCCACCGCGAGGTGCTGCTTAGCAGGGATGG
 AGGCTGCCTCCTGGAGGCGCTGCACTTAGAGCATCCCTTAGCCAGGATGATAGTGGCGTGTGTTCCAGT
 CACCTTAAAAAGACAGGAGATGGTGCTAAGACATTTATTATTTTTCTTTGCCATTTACTCAGAGGACTTC
 ATGCAATCGGAGAAAAAGAAAAGATTCATTCCTTCTGAAAATATTCAGAGCCATGAAAGGCATTGGAA
 AAAGTGTGTGAGTGGAAATCTATTTCCAGGCTCTGCAAACGTTTCAGACACAAACCTAGGTTGTATT
 GTAGACCGGAGTTAAGCAGGCACTACCTGTCTGTCTTTCTTCATCCACTGAAGGAAGAAAAGTGTGCA
 GGCCTCGCTAGAGTTGCTCCTGGAAGCATACTTTGTGGAAGAGTGGGAAGAAAACATCACAGATTCAT
 TTCACAGTTGATGTGTGACTACGTTTTCAAGTGTATGGCTGTGAAAGTGGGTTGAAGTATTTGAGTTG
 TTGGATCACTGTTTTGCAGAGTTGAATGTTGGCGTGACAGGCCTTCTGTTTCAGATTCTAGAATCATAG
 ATGGCCTTGTGCTTCCCAGGGACTTTTCTATGACTGCCAGCAGATGGTGACATTAGGATGGTGATAGT
 AACAGAAATCCTCCAGCCTCAGTTTTCATCGGCTGGCTCGGAGTTTGTCTCAATTCAGAAACACAGTTT
 CAGGCATCTCAGTGTGGATCACGGACAGGACAAAAACAGTAATGAACCCTTGGTGGTGCAGAAATGTA
 AACTGCTCCTGACCAGTGTGAAGCAACCAGACCTGGTTATTTACTGTGCAAGACTTAATAGCATATCAGT
 GGTGGAGTGTATCAGCCGAAGAAGTTCCCTTGCCAGAGGATCACTGGTCTTCTCCTTGTGCCTA
 CCAGAGGTTGCTTCACAGTGTGAAATTTCTGATAGTACTTTGGTGAAGTTTGAAGCCCTCATCCTTA
 GATCCAAGAGGTATGTTTCATCTCGGCTTGATTAGCACATGTGCATTTATACCTCACTATGGTCCCTG
 TGGACCGGTTCTGGGCTTGTGTAACAGCATGAGAGAGCTTTTACGGAGCATTAAAGATGCTTCGGCAG
 CTATTTACTGACCTTGATCTAAATTACATCATACAAACCAACAGCAATGTAACCCAAGTCTCTTGCTT
 ATGACAATAGCAGAGAGCGTAATCACTACCAGAACTGATAAGTATCAGGACATAGTAGCAAAGAGCAA
 AAATAAATGGAACTCAAACACATTTAGAAGTATATTCAGGTTTGGGGCTTCAGATACAGAATTGAGA
 GCAGGTAAGCCGTGGTCAGCACACAAGAAGACCAATAGCTCCATCCCAACAGATGAAATGCTGAAGT
 GCTTGCCTCCAGAAAGAAGCGGGATAATTGATAACTGTGACCTGTCAATTGAGAATCATTCCACTGGAAA
 TCCTACAGCAGAAGACTGGAACAGAAATTTCTTTCGAACACTACAGGTCTCAGATAATGCCGAAAG
 GGTACACGCTGCCAGTGTGCGCAAGTCACTAGATACCTGTACTGTGACGGTTATTGTTTCATCCACTG
 TGCAGCAGGCTGTGTGCTGCCAGTGGGTGGAAGTTTGTGATTTTGTGAGTTACTACCTTCTCAGCTA
 TGCCAAACAATGCCGACAATCAGATGAAACTGTCATCAGTATGTTAATAGCTGATGCTCTTCTAGGCATC
 CCTAAAATCCTTTATAAGCCTAAGAAGGGAAAGGACAGTTTCCCACATATACATGCGGTCTCTCCATG
 CACTGCAAGCCAGTCAACCCATGGTAAGTGGTCAATCAGGGTTCGAGTCAGTAGCTGGTAAGTACCAATT
 ACTAATTCAGTCTTTCAGTGTGATGAAAATATTAACCATTGATTTAATAATCAACATCAAGAGGCAA
 CCTCAGAAAACGCTGACCAAGAATCAGAAGACGAATTT**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_027914
Insert Size: 2142 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>NM_027914.1</u> , <u>NP_082190.1</u>
RefSeq Size:	2753 bp
RefSeq ORF:	2142 bp
Locus ID:	71769
UniProt ID:	<u>Q9DBI2</u>
Cytogenetics:	10 D1
Gene Summary:	Probable molecular chaperone that assists the folding of proteins upon ATP hydrolysis. Plays a role in the assembly of BBSome, a complex involved in ciliogenesis regulating transports vesicles to the cilia. Involved in adipogenic differentiation.[UniProtKB/Swiss-Prot Function]