

Product datasheet for **SC318021**

BBS1 (NM_024649) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	BBS1 (NM_024649) Human Untagged Clone
Tag:	Tag Free
Symbol:	BBS1
Synonyms:	BBS2L2
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

Fully Sequenced ORF: >SC318021 representing NM_024649.
 Blue=Insert sequence Red=Cloning site Green=Tag(s)

```

GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGGCCGCTGCGTCCTCATCGGATTCGACGCTGCGGAGCTGAGAGCAATGAGGCCAATTCGAAGTGG
TTGGATGCGCACTACGACCAATGGCCAATATCCACACCTTTTCTGCCTGCCTAGCGCTGGCAGATTTA
CATGGGGATGGGGAATACAAGCTGGTGGTAGGGACCTTGGCCCTGGTGGGCAGCAGCCCCGCTGAAG
GTGCTCAAAGGACCACTGGTGATGACCGAAAGCCGCTACCTGCTCTGCCAGCTGCTGCTGCCACCTTC
CTCATGGAGCAACATGAGCCCCGACCCAGCTCTGGCACTTGCTTCAGGCCCTTGTGTCTATGTGTAT
AAGAATCTCAGACCCCTACTTCAAGTTCAGCCTGCCCAATTGCCTCCAAATCCTCTGGAACAAGACCTT
TGGAAACGAGGCCAAGAGGACCGAATCGACCCCTTAACCTGAAGGAGATGCTGGAGAGCATCCGGGAG
ACGGCAGAGGAGCCTTTGTCCATCCAGTCACTCAGGTTTCTGCAGCTGGAGCTAAGTGAATGGAGGCA
TTTGTAACCAACACAAGTCCAACCTCCATCAAGCGGCAGACAGTCATCACCACCATGACCACCTTGAAG
AAGAACCTGGCTGACGAGGATGTGTGTCTTGCCTGGTGGTGGGACCGAGAACAAGGAGCTCCTGGTG
CTTGACCCCGAGGCCCTTACCATTTTAGCCAAGATGAGCCTTCCAGCGTCCCCGCTTCTCTAGAGGTT
TCTGGCCAGTTTGATGTTGAGTTCGGGCTTGCCGCGGCCTGCCGCAATGAAACATCTATATTCTGAGA
AGAGACTCCAAGCACCCCAAGTACTGCATCGAGCTGAGCGCCAGCCTGTGGGACTTATCCGGGTACAC
AAGGTCTAGTGGTGGGAGCAGCCCAAGACAGCCTGCATGGCTTACCCACAAGGGGAAGAAGCTGTGG
ACAGTGCAGATGCCCCGAGCCATCCTGACCATGAACCTCCTGGAGCAGCATTCGGGGGCTGCAGGCC
GTCATGGCTGGGCTGGCAATGGAGAGGTCCGCATTTATCGTGACAAGGCCCTGCTCAATGTCATCCAC
ACCCCGGATGCAGTGACCAGCCTTTGCTTTGGCCGGTACGGGCGGAGGACAACACCTCATCATGACC
ACTCGAGGTGGTGGCCTGATCATCAAGATCCTGAAGCGTACAGCAGTGTTTGTAGAGGGAGGAAGTGAG
GTGGGTCCCCCAGCCAGCCAGGCCATGAACTCAATGTGCCCGAAAGACCCGGCTTTACGTGGATCAG
ACACTGCGAGAGCGGGAGGCTGGCACCAGCCATGACCGGGCCTTCCAGACAGACCTATACCTGCTGCGC
CTACGTGCTGCCGCGCCTACCTGCAGGCCCTCGAGTCCAGCCTGAGCCCCCTGTCCACGACAGCCGA
GAGCCACTCAAGCTGCACGCCGTGGTTCAGGGCCTTGGCCCCACCTTTAAGCTCACACTTCACCTGCAG
AACACCTCAACAACCCGTCTGTCTGGGGCTGCTGGTCTGCTTCTGTACAACGAGGCGCTCTATTCC
CTGCCCGGGCCTTCTTCAAGGTACCCTTGTGGTGCCAGGGCTCAACTACCCCTGGAGACCTTTGTG
GAGAGTCTCAGTAACAAGGCATCTCAGACATCATCAAGGTGCTGGTGTTCGAGAAGGCCAAAGTGCA
CCCCTGCTGAGTCCCACGTCAACATGCCTGGGAGCGAGGGGCTGGCGGCCGCTGA
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC
  
```

Restriction Sites: Sgfl-MluI

ACCN: NM_024649

Insert Size: 1782 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:	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_024649.4</u>
RefSeq Size:	3370 bp
RefSeq ORF:	1782 bp
Locus ID:	582
UniProt ID:	<u>Q8NFI9</u>
Cytogenetics:	11q13.2
MW:	65.1 kDa
Gene Summary:	Mutations in this gene have been observed in patients with the major form (type 1) of Bardet-Biedl syndrome. The encoded protein may play a role in eye, limb, cardiac and reproductive system development. [provided by RefSeq, Jul 2008]