OriGene Technologies, Inc.
9620 Medical Center Drive, Ste 200
Rockville, MD 20850, US
Phone: +1-888-267-4436
https://www.origene.com
techsupport@origene.com
EU: info-de@origene.com
CN: techsupport@origene.cn

Product datasheet for SC108416

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:	None
Vector:	pCMV6-XL5
E. coli Selection:	Ampicillin (100 ug/mL)

View online »

Fully Sequenced ORF:

>NCBI ORF sequence for NM_024649, the custom clone sequence may differ by one or more nucleotides

ATGGCCGCTGCGTCCTCATCGGATTCCGACGCCTGCGGAGCTGAGAGCAATGAGGCCAATTCGAAGTGGT
TGGATGCGCACTACGACCCAATGGCCAATATCCACACCTTTTCTGCCTGCCTAGCGCTGGCAGATTTACA
TGGGGATGGGGAATACAAGCTGGTGGTAGGGGACCTTGGCCCTGGTGGGCAGCAGCCCCGCCTGAAGGTG
CTCAAAGGACCACTGGTGATGACCGAAAGCCCGCTACCTGCTCTGCCAGCTGCTGCTGCCACCTTCCTCA
TGGAGCAACATGAGCCCCGGACCCCAGCTCTGGCACTTGCTTCAGGCCCTTGTGTCTATGTGTATAAGAA
TCTCAGACCCTACTTCAAGTTCAGCCTGCCCCAATTGCCTCCAAATCCTCTGGAACAAGACCTTTGGAAC
CAGGCCAAAGAGGACCGAATCGACCCCTTAACCCTGAAGGAGATGCTGGAGAGCATCCGGGAGACGGCAG
AGGAGCCTTTGTCCATCCAGTCACTCAGGTTTCTGCAGCTGGAGCTAAGTGAAATGGAGGCATTTGTAAA
CCAACACAAGTCCAACTCCATCAAGCGGCAGACAGTCATCACCACCATGACCACCTTGAAGAAGAACCTG
GCTGACGAGGATGCTGTGTCTTGCCTGGTGCTGGGCACCGAGAACAAGGAGCTCCTGGTGCTTGACCCCG
AGGCCTTCACCATTTTAGCCAAGATGAGCCTTCCCAGCGTCCCCGTCTTCCTAGAGGTTTCTGGCCAGTT
TGATGTTGAGTTCCGGCTTGCCGCGGCCTGCCGCAATGGAAACATCTATATTCTGAGAAGAGACTCCAAG
CACCCCAAGTACTGCATCGAGCTGAGCGCCCAGCCTGTGGGACTTATCCGGGTACACAAGGTCCTAGTGG
TGGGCAGCACCCAAGACAGCCTGCATGGCTTCACCCACAAGGGGAAGAAGCTGTGGACAGTGCAGATGCC
CGCAGCCATCCTGACCATGAACCTCCTGGAGCAGCATTCCCGGGGCCTGCAGGCCGTCATGGCTGGGCTG
GCCAATGGAGAGGTCCGCATTTATCGTGACAAGGCCCTGCTCAATGTCATCCACACCCCGGATGCAGTGA
CCAGCCTTTGCTTTGGCCGGTACGGGCGGGAGGACAACACCCTCATCATGACCACTCGAGGTGGTGGCCT
GATCATCAAGATCCTGAAGCGTACAGCAGTGTTTGTAGAGGGAGGAAGTGAGGTGGGTCCCCCACCAGCC
CAGGCCATGAAACTCAATGTGCCCCGAAAGACCCGGCTTTACGTGGATCAGACACTGCGAGAGCGGGAGG
CTGGCACCGCCATGCACCGGGCCTTCCAGACAGACCTATACCTGCTGCGCCTACGTGCTGCCCGCGCCTA
CCTGCAGGCCCTCGAGTCCAGCCTGAGCCCCCTGTCCACGACAGCCCGAGAGCCACTCAAGCTGCACGCC
GTGGTTCAGGGCCTTGGCCCCACCTTTAAGCTCACACTTCACCTGCAGAACACCTCAACAACCCGTCCTG
TCCTGGGGCTGCTGGTCTGCTTCCTGTACAACGAGGCGCTCTATTCCCTGCCCCGGGCCTTCTTCAAGGT
ACCCTTGCTGGTGCCAGGGCTCAACTACCCCCTGGAGACCTTTGTGGAGAGTCTCAGTAACAAGGGCATC
TCAGACATCATCAAGGTGCTGGTGCTTCGAGAAGGCCAAAGTGCACCCCTGCTGAGTGCCCACGTCAACA
TGCCTGGGAGCGAGGGGCTGGCGGCCGCCTGA

5' Read Nucleotide Sequence:

>OriGene 5' read for NM_024649 unedited
TTTTGTAATACGACTTCACTATAGGGCGGCCGCGATTCGGCACGAGGCCTATAGTAGCAG
GTTAGTGAGTACCTAGGGCGGCTCAACTCCTCCCACAGCACCAACCCAGCATGGTCCCAC
TGAAGTCCTACTACGCCCTCCCCTCCCCAGCCTTTTCCAGAAACCATACTGGGCTCAGAT
CAGAGCTCCGAAGCGGTCAAAGTGAGCTGAGCAGGACAGGCCCAGCCTTTCTCCACTGCC
ACGTCCCTTATGCACATCACTCATCTCCTGCTGCAGGCCAAGGCCAAAATTGGGCTAGTC
CTGGCCAGGGAAATCAGAAGCTCTTCTTGGGTGAGATTGAGCCTCCTGTTGCTCCCTGGA
GTTCCGGAGGCTGGGCTGCAGCCCACTCAGCTTGCGGGCAAAATACGTGCTCTCCTCTCT
CCTTGTCAGCTGAGCAAACCCAGGGAATAGCCCTCCTCTCCCCAGGAAACTTCTCTGAAA
TCTTAGACTTAGCCAGTCTTAGGCCTACGATGCCACACAAAGGTTGTTCAGGGAGAAGGG
GGTGCAGGAGGCANAGGGTGCCCCNGCAGGAGCTGGTGGCTCCAGCCCCACTAGAGCTCC
TAAAGATCACACAGCAGCTGCTCCTGACAGGGATGCTCATGCCCAGAAAGCAAGCCCAGG
AGAGGAAGGCAGAGTGTGACAGAACAAAGCCAGGGCCANGCGCACCAGGAGAGGCGTTTC
TGGGGCTNCAGAGAAGTGCCACGGGGAGCANAAGTCCANAACTGCCCATATAGATGCCCC
TCCTAATCCTGGAGCCCCAATCAGTCATGTGGTGGGGGAGTTCCCAGGGCAGTGGTCACA
TCGTGAGAATTACAGGGAAGCGGGGGCCTTCTTTCATAGCTATTCTGAGGAGAAATGG

3' Read Nucleotide Sequence:

>OriGene 3' read for NM_024649 unedited
CTATGAACCCGCGGCCGCAATCTAGGATCGAGTTTTTTTTTTTTTTTTTTACAAGGAGGT
AATTTAATTATAGTCCAACTCTTGGCTCCGCAGTTAACTTTCACATAGTAATAGAAATAG
TAATCTGAGTATTTTTTAACCTAATAACTAGGGATGGGGGAGGGTTGCTGACAAAAGAGA
GCTAAAGCCTCATGTATGACAACAGGGAGTCAACAGGGTNAATGTCTAAGATTGATATAT
CAAGCAAGAGTCATATAAGCACATTTTAAAAATAGCTGAATGAACTGGAAGTGACTGCTG
GGTAGGGGAGCCAGTACTAGAGAATGGGAGAGACTGTTTTCTTGTTACAAACTGTGTAAT
TCCACATTAGTAAGTGGGTATGTGTTTTTAAATAAGTATGTTTTAGAAAGACACCAATTC
TCCTTGTCCTTAATGTTCACAATTTCTCTCTAGTGTGTGCACTGGGCACCCTGCACTGTT
TCTTGCTTCATGTTGCTTTATGAACACTTACTGTCCTCATGGCACGGTTCATGTATTTCT
TAGTGGTAGGTACATAATATTACATTATATAAACTTACATCANGTGCTGGGCATATGTCT
CCCATTTCATCCTCAGAAATAGCTATGACAAGAAAGGCCCCGCCTTTCCTGCTAATNCTC
ACGATGTGACCACTGCCCCTGGAACTTCCACCCACATGACTGATTTGGGGCTCCAGATGT
AAAAGGGCATCTATATGGGNCAGTCTGGACTTCTGCCTTCCGTGGCACTTCTCTGGACCC
CAGAAACGCTCTNCTGGTGCGCCTGGCCTTTGCTCTCTNTGTCAACTCTGGCTTNNCTTT
CTGGCTTGGCTTCTGGGCATGANCATCCCTGTCAGAACACCTGCTGGGTGATCTTAGGAG
CTCTATTGGGCCTGAACACCANTTCCTGCGGGCACCCTTGGCTCCTGACACCCTTTCCTG
AAAAACTTTGGGGGATTGTAGCCCTAAACGGTAATCTAAATCCAA

Restriction Sites: NotI-NotI

ACCN: NM_024649

Insert Size: 1470 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:
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_024649.1, NP_078925.1

RefSeq Size: 3370 bp

RefSeq ORF: 663 bp

Locus ID: 582

UniProt ID: Q8NFJ9

Cytogenetics: 11q13.2

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]