

Product datasheet for **SC214364**

BBS7 (NM_176824) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	BBS7 (NM_176824) Human 3' UTR Clone
Symbol:	BBS7
Synonyms:	BBS2L1
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_176824
Insert Size:	1561 bp



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Insert Sequence: >SC214364 3'UTR clone of NM_176824
The sequence shown below is from the reference sequence of NM_176824. The complete sequence of this clone may contain minor differences, such as SNPs.
Blue=Stop Codon Red=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
GCATTGATTTTCATTCTTCGATGCAGCATGACATACAAATAAGGTAAAGTCCCAAAGAAGTGGTCTGTTT
AAATGAAAAATGTTAAAAAGAGAATTAGAAGTTAACTGTGTATGTACTTTAATTTCAAATGCTTTTTTAT
ATCTAAAAATATTTGAGATATAATGGCTTTTTAAAGTAATGCTTCTATTTCTTTTGACAAATGAACTT
TCTAAACTAAAAGAGTCTTTTTATTTTTAAAACACAAGTAGAATGATTTAAATAGGATTTTAAATGAAT
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TTACCTTATTTGATCTTCAACTGTTGTAATAATTTGTCAAATCATATAAGAAAAGTACTTCTCAGTGA
AATTTTGTGATTAAGAGGACATGCTAATATTTTGTAAAGCTGGGACCAGAACCCAAGTACTGGTACTTG
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ATAGGATTGATTTGCAACTGATATTCCTTTTGCTTGGTAGTGTTTTATGACTCTGCTGCAGTTTGTGGA
AATGCTGGACTTGGCTCAGTGCTATAAATTGTAGCCAGGAAATAAGAAGAGCTTACACAGAGTCGGGGG
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TGGCATAACAGATAATGGAAAATAAGCTTTATGTTTCAAGAAGGGCAGACTCACGAATTTTTAGAAAAAC
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TGTTTTTTGTTGGTTGCCACAGCTTGGGAAAAATAGAAAAAATTAATGACTGTATTTGAATATTTTG
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ACATTACAGTCTTGACACTTGAGTACTGTATTACTATGTGAGCTCCGTGTTAAATAATTTATGCACATT
ATTTAATCCTAACCAACCATATGACTGTAGTTATTAGTCCCTAT
ACGCGTAAAGCGGCCGCGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTTTCGATTCCACCGCCGCTTCTATGAAAGG
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Restriction Sites: Sgfl-Mlul

OTI Disclaimer: Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences, e.g., single nucleotide polymorphisms (SNPs).

Components: The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.

RefSeq: [NM_176824.3](#)

Summary:

This gene encodes one of eight proteins that form the BBSome complex containing BBS1, BBS2, BBS4, BBS5, BBS7, BBS8, BBS9 and BBIP10. The BBSome complex is believed to recruit Rab8(GTP) to the primary cilium and promote ciliogenesis. The BBSome complex assembly is mediated by a complex composed of three chaperonin-like BBS proteins (BBS6, BBS10, and BBS12) and CCT/TRiC family chaperonins. Mutations in this gene are implicated in Bardet-Biedl syndrome, a genetic disorder whose symptoms include obesity, retinal degeneration, polydactyly and nephropathy; however, mutations in this gene and the BBS8 gene are thought to play a minor role and mutations in chaperonin-like BBS genes are found to be a major contributor to disease development in a multiethnic Bardet-Biedl syndrome patient population. Two transcript variants encoding distinct isoforms have been identified for this gene.[provided by RefSeq, Oct 2014]

Locus ID:

55212

MW:

61.3