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 SC205553

BBS7 (NM_018190) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	BBS7 (NM_018190) Human 3' UTR Clone
Symbol:	BBS7
Synonyms:	BBS2L1
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_018190
Insert Size:	444 bp
Insert Sequence:	>SC205553 3'UTR clone of NM_018190 The sequence shown below is from the reference sequence of NM_018190. The complete sequence of this clone may contain minor differences, such as SNPs. Blue=Stop Codon Red=Cloning site GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC CCTGCACATCTTGAAAGACTCTATGGTTAGTGGACCATTCTAGAATACCTTGCCATATTTCTTTTCAAC TGGCTATTTCCCAAGGATCATGTAAGAGAAGCTGGGCAGAAAGATAAAAAGATTACATCAGTCATGATT CATGAACCAGTCATGAATCAGTTGACAACAAATTTATTGCACAGAATATTTCTGTATTTTGTCAAGCTA CTTTTAATATTTAATTCTTTTACTTGATAAAATGCAAGTATATTAAGAAATAAGTATACTGTGATGAAT TAATCTATATATATGAACAAACCTGGTATAAAATGAATGTAATCTATGAACCTTTAGAGCTTAGACTGT ATTTCACACAAATAATTGTCATGTTTTGTTGCTATTGTGAATTATAAAAATGCAGCATTTAAAATTTTT AAGGCAAAATTTAATAAAGGATATACAGTA ACGCGTAAGCGGCCGCGGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA CGAGATTTCGATTCCACCGCCGCCTTCTATGAAAGG
Restriction Sites:	SgfI-MluI
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.

View online »

RefSeq:	NM_018190.4
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:	17.4