

Product datasheet for **SC210996**

BBS4 (NM_033028) Human 3' UTR Clone

Product data:

Product Type: 3' UTR Clones
Product Name: BBS4 (NM_033028) Human 3' UTR Clone
Vector: pMirTarget (PS100062)
Symbol: BBS4
ACCN: NM_033028
Insert Size: 916 bp
Insert Sequence: >SC210996 3'UTR clone of NM_033028

The sequence shown below is from the reference sequence of NM_033028. The complete sequence of this clone may contain minor differences, such as SNPs.
Blue=Stop Codon **Red**=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAAACAATTGGCAGAGCTCAGAATTCAAACGATCGCC
GAAACATCAGAACAAATAAGAGAGAAATAGAATAGAATGAATGACCCCAAATAGGGTTTTCTTGGGC
GAGGATGTGCTGGATTAGGAAAGGTGACATGACACAGGCAGAGCAGAGTGGCACCCACCACAGAATACA
GTGTGTGTATTACGAGGAGCCAGCAGTTGAGCCTAAGGTCTTCTACCTACCTGGTATTGGCATTGGA
GGTCGGA AACCTCTACTGCCCCATAAGCCAGGAAAAGTAAAAGAGAACACAGTTCTTTAAGAACTG
GCAGCAAGGCTTGAGGCCTTATGTATGTAGCTGAGTCAGCAAGGTACATGATGCTGTCTGCTTTCAAAA
GGACTTTTCTCTCCTAGCTGACTGACTCCTTCTTAGTTCAAGGAACAGCTGAGACAGACCTCTGCTGA
GTAGCTCTGTGATGACAAAGCCTTGTTAACTGAGGTGATCCTCAGGTTGTGAGGTTTATTAGTCCCC
AAGGCAACACAAATATTAGATTAATAATCCAACCTTAAATAGTATACATTTAAAAGAAAAAACA AAA
GCCCTGGAAGTTGAGCCAAGCCTGCTGAGTATTGCAGCTGCATTTGCCCAAAGGGAATCCAGACAAG
TCCCTCCCTGTATTTTGTCTTGAGAGGGTCACTAGAAAGCTAGATCCTATCAGGATGAGGAGCAGC
AGCCCAGGGCTTGCTGGATCAGCACCAACGATTTTAAAGAAAAAAGGAAGATTTCTTAGATGAGTAA
TTGTTATTGAAGATAGTCAGTGATAACCACTGACCAGATGCTATCAATACACTATGTGCTCTTTTAGA
ATAAAGATTACATATCATCATTCTTTGGGAAAATTGTTATTCAGGTATAAAAACAAGAGATCATAAT
AAAAACCTAAAAGAACCTA
ACGCGTAAGCGGCCGCGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCCTTCTATGAAAGG
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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).



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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_033028.5
Summary:	This gene is a member of the Bardet-Biedl syndrome (BBS) gene family. Bardet-Biedl syndrome is an autosomal recessive disorder characterized by severe pigmentary retinopathy, obesity, polydactyly, renal malformation and cognitive disability. The proteins encoded by BBS gene family members are structurally diverse. The similar phenotypes exhibited by mutations in BBS gene family members are likely due to the protein's shared roles in cilia formation and function. Many BBS proteins localize to the basal bodies, ciliary axonemes, and pericentriolar regions of cells. BBS proteins may also be involved in intracellular trafficking via microtubule-related transport. The protein encoded by this gene has sequence similarity to O-linked N-acetylglucosamine (O-GlcNAc) transferases in plants and archaeobacteria and in human forms a multi-protein "BBSome" complex with seven other BBS proteins. Alternate splicing results in multiple transcript variants. [provided by RefSeq, Mar 2016]
Locus ID:	585
MW:	34.4