

## Product datasheet for **RG227653**

### **BSDC1 (NM\_001143888) Human Tagged ORF Clone**

#### Product data:

Product Type: Expression Plasmids  
 Product Name: BSDC1 (NM\_001143888) Human Tagged ORF Clone  
 Tag: TurboGFP  
 Symbol: BSDC1  
 Mammalian Cell Selection: Neomycin  
 Vector: pCMV6-AC-GFP (PS100010)  
 E. coli Selection: Ampicillin (100 ug/mL)  
 ORF Nucleotide Sequence: >RG227653 representing NM\_001143888  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGATCGCC**

ATGGCGGAAGGGGAGGACGTGGGATGGTGGCGGAGCTGGCTGCAGCAGAGCTACCAAGCAGTCAAAGAGA  
 AGTCCTCTGAAGCCTTGGAGTTTATGAAGCGGGACCTGACGGAGTTTACCCAGGTGGTGCAGCATGACAC  
 GGCCTGTACCATCGCAGCCACGGCCAGCGTGGTCAAGGAGAAGCTGGCTATTGCAGCCTGTTCCCGGGGC  
 GCTTGTCTCCTCGCCGTTCTCTATACAGACGGAAGGCTCCTCAGGAGCAACAGAGAAGATGAAGAAAG  
 GTTTATCTGACTTCCTAGGGGTGATCTCAGACACCTTTGCCCTTCGCCAGACAAAACCATCGACTCGCA  
 TGTTCATCACCTGATGGGCACACCGTCTGGCACAGCTGAGCCCTATGATGGCACCAAGGCTCGCCTCTAT  
 AGCCTGCAGTCGGACCCAGCAACCTACTGTAATGAACCAGATGGGCCCCCGGAATTGTTTGACGCCTGGC  
 TTTCCAGTTCTGCTTGGAGGAGAAGAAGGGGAGATCTCAGAGCTCCTTGTAGGCAGCCCTCCATCCG  
 GGCCCTTACACCAAGATGGTTCAGCAGCTGTTCCCATTCAGAATTCTGGCATCGGTATTTCTATAAA  
 GTCCATCAGTTAGAGCAGGAGCAGGCCCGGAGGGACGCCCTGAAGCAGCGGGCGGAACAGAGCATCTCTG  
 AAGAGCCCGCTGGGAGGAGGAGGAAGAGGAGCTCATGGGCATTTACCCATATCTCCAAAAGAGGCAA  
 GGTTCTGTGGCCAAAATTTCTACATTCCTGAAGGAGAACCTGGCCCCAGAGCCCTGTGAAGAGAAT  
 CTGGTGACTTCAGTTGAGCCCCAGCAGAGGTGACTCCATCAGAGAGCAGTGAGAGCATCTCCCTCGTGA  
 CACAGATCGCAACCCGGCCACTGCACCTGAGGCACGAGTGCTACCCAAGGACCTGTCCAAAAGCTGCT  
 AGAGGCATCCTTGGAGGAACAGGGCCTGGCTGTGGATGTGGGTGAGACTGGACCCCTACCCCTATTAC  
 TCCAAGCCCTAACGCCTGCTGGCCACACCGCGGCCAGAGCCAGGCCTCCAGCCAGAGTAGAGACTC  
 TGAGGGAGGAGGCGCCACAGACTTACGGGTGTTTGGAGCTGAACTCGGATAGTGGGAAGTCTACACCCTC  
 CAACAATGGAAAGAAAGGCTCAAGCACGGACATCAGTGAGGACTGGGAGAAAGACTTTGACTTGGACATG  
 ACTGAAGAGGAGGTGCAGATGGCACTTTCAAAGTGGATGCCCTCCGGGGAGCTGGAAGATGTAGAGTGG  
 AGGACTGGGAG

**ACGCGT**ACGCGGCCGCTCGAG - GFP Tag - GTTTAA



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**Protein Sequence:** >RG227653 representing NM\_001143888  
 Red=Cloning site Green=Tags(s)

MAEGEDVGVWRSWLQYSYQAVKEKSSEALEFMKRDLEFTQVVQHDTACTIAATASVVKEKLAIAACSRG  
 ACFLCPFISIQTGSSGATEKMKKGLSDFLGVISDTFAPSPDKTIDCDVITLMGTPSGTAEPYDGTKARLY  
 SLQSDPATYCNPDGPELFDLWLSQFCLEEKKEISELLVGSPIRALYTKMVPAAVSHSEFWHRIFYK  
 VHQLAQEQARRDALKQRAEQSISEEPGWEEEEELMGISSIPKEAKVPVAKISTFPEGEPGPQSPCEEN  
 LVTSEPPAEVTPSESSSISLVTQIANPATAPEARVLPKDLSQLLEASLEEQGLAVDVGETGPSPIIH  
 SKPLTPAGHTGGPEPRPARVETLREEAPTDLRVFELNSDSGKSTPSNNGKKSSTDISDWEKDFDLDM  
 TEEEVQMALSKVDASGELEDVEWEDWE

TRTRPLE - GFP Tag - V

**Restriction Sites:** SgfI-MluI

**Cloning Scheme:**



**ACCN:** NM\_001143888

**ORF Size:** 1341 bp

**OTI Disclaimer:** The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

**OTI Annotation:** This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

**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\\_001143888.3](#)

**RefSeq Size:** 2925 bp

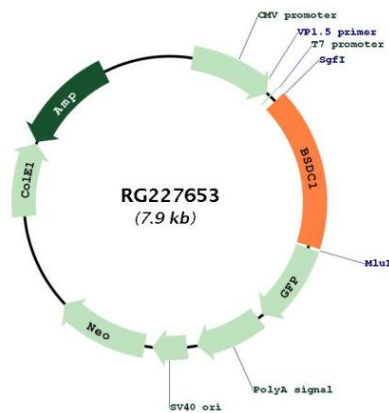
**RefSeq ORF:** 1344 bp

**Locus ID:** 55108

**UniProt ID:** [Q9NW68](#)

**Cytogenetics:** 1p35.1

**Product images:**



Circular map for RG227653