

Product datasheet for **RG227670**

BSDC1 (NM_001143890) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	BSDC1 (NM_001143890) 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:	>RG227670 representing NM_001143890 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGCGGAAGGGGAGGACGTGGGATGGTGGCGGAGCTGGCTGCAGCAGAGCTACCAAGCAGTCAAAGAGA
AGGCTCGCCTCTATAGCCTGCAGTCGGACCCAGCAACCTACTGTAATGAACCAGATGGGCCCCGGAATT
GTTTGACGCCTGGCTTTCCAGTTCTGCTTGGAGGAGAAGAAGGGGGAGATCTCAGAGCTCCTTGTAGGC
AGCCCCCCTCCATCCGGGCCCTCTACACCAAGATGGTTCCAGCAGCTGTTTCCATTGAGAATCTGGCATC
GGTATTTCTATAAAGTCCATCAGTTAGAGCAGGAGCAGGCCCGGAGGGACGCCCTGAAGCAGCGGGCGGA
ACAGAGCATCTCTGAAGAGCCCCGGCTGGGAGGAGGAGGAAGAGGAGCTCATGGGCATTTACCCATATCT
CCAAAAGAGGCAAGGTTCTGTGGCCAAAATTTCTACATTCCCTGAAGGAGAACCTGGCCCCAGAGCC
CCTGTGAAGAGAATCTGGTGACTTCAGTTGAGCCCCAGCAGAGGTGACTCCATCAGAGAGCAGTGAGAG
CATCTCCCTCGTGACACAGATCGCAACCCGGCCACTGCACCTGAGGCACGAGTGCTACCAAGGACCTG
TCCAAAAGCTGCTAGAGGCATCCTTGGAGGAACAGGGCCTGGCTGTGGATGTGGGTGAGACTGGACCT
CACCCCCTATTCACTCCAAGCCCTAACGCCTGCTGGCCACACCGCGGCCAGAGCCCAGGCCTCCAGC
CAGAGTAGAGACTCTGAGGGAGGAGGCCCCACAGACTTACGGGTGTTTGAAGTGAAGTGAAGTGAAGT
AAGTCTACACCCTCAACAATGGAAGAAAGGCTCAAGCACGGACATCAGTGAGGACTGGGAGAAAGACT
TTGACTTGGACATGACTGAAGAGGAGGTGCAGATGGCACTTTCCAAAGTGGATGCCTCCGGGAGCTGGA
AGATGTAGAGTGGGAGGACTGGGAG

ACGCGTACGCGGCGGCTCGAG - GFP Tag - GTTTAA



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Protein Sequence: >RG227670 representing NM_001143890
 Red=Cloning site Green=Tags(s)

MAEGEDVGWWSWLQQSYQAVKEKARLYSLQSDPATYCNPDGPPELFDWLQFCLEKKGEISELLVG
 SPSIRALYTKMPPAAVSHSEFWHRYFYKVHQLQEQARRDALKQRAEQSISEEPGWEEEEELMGISPIS
 PKEAKVPVAKISTFPEGEPGPQSPCEENLVTSVEPPAEVTPSESSESISLVTQIANPATAPEARVLPKDL
 SQKLLEASLEEQLAVDVGETGPSPIHSKPLTPAGHTGGPEPRPPARVETLREEAPTDLRVFELNSDSG
 KSTPSNNGKKSSTDISEDWEKDFDLDMTEEEVQMALSKVVDASGELEDVEWEDWE

TRTRPLE – GFP Tag – V

Restriction Sites: SgfI-MluI



ACCN: NM_001143890

ORF Size: 1005 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_001143890.3](#)

RefSeq Size: 2589 bp

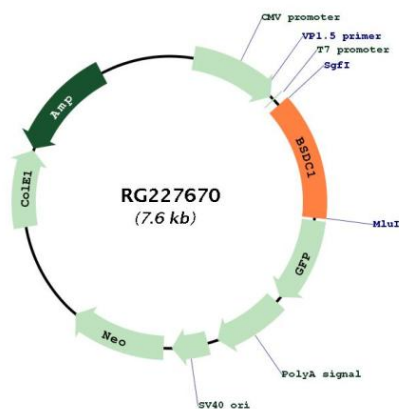
RefSeq ORF: 1008 bp

Locus ID: 55108

UniProt ID: [Q9NW68](#)

Cytogenetics: 1p35.1

Product images:



Circular map for RG227670