

## Product datasheet for **MG206806**

### **Bsdc1 (NM\_133889) Mouse Tagged ORF Clone**

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Bsdc1 (NM_133889) Mouse Tagged ORF Clone
Tag:	TurboGFP
Symbol:	Bsdc1
Synonyms:	1110063F24Rik; AW011758
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>MG206806 representing NM_133889 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGGCGGAAGGGGAGGACGTGGGGTGGTGGCGGAGCTGGCTGCAGCAGAGCTACCAGGCAGTCAAAGAGA  
AGTCCACGGAAGCTTTGGAGTTCATGAAGCGGGACCTGACAGAATTTACCCAGGTGGTTCAGCATGACAC  
GGCCTGCACCATAGCAGCCACAGCCAGTGTGGTCAAGGAGAAGCTGGCCACTGAAGGCTCCTCAGGAGCA  
ACAGAAAAAGTGAAGAAGGGTTATCCGACTTCTTAGGGGTGATCTCAGATACCTTTGCCCTCTCCAG  
ACAAAACCATCGACTGTGATGTCATCACCTGATGGGTACACCCTCTGGCACAGCTGAGCCATATGACGG  
CACCAAGGCTCGCCTCTACAGTCTGCAGTCAGACCCGGCCACGTAAGTGAACGAACCTGATGGGCCCCCG  
GAATTGTTTGATGCCTGGCTTTCCGAGTTCGCTTGGAGGAGAAGAAAGGGGAGATCTCAGAGCTCCTTG  
TAGGCAGCCCCTCCATCCGAGCCCTCTACACCAAGATGGTTCCAGCAGCTGTTTCCCATTCGGAATTCTG  
GCATCGGTATTTCTATAAAGTCCACCAGCTTGAACAGGAGCAGGCCCGGAGGGATGCCCTGAAGCAGCGG  
GCAGACCAGAGTATCTCTGAAGAGCCTGGCTGGGAGGAAGAAGAAGAGGAGCTTGAAGGCATTGTACCAT  
CTCCAAAAGAGGCAAAGATTCAAAAGAGACCAAACTACTACATCCCCTGAAGATGAGCCTGCCCCCA  
AAGCCCTTGAGGAGACTCCAGTGGAGCCCTGCAGAGGCCACCCATCTGAGAGCAGTGAGAGCATC  
TCCCTGGTGACACAGGTTGCCAACCTGCAGTGCACCGGAGGCCAGAGCTACCTAAAGACCTGTCCC  
AAAAGCTGTTTGAGGCGTCGTTGGAAGAACAGAGTCTGGCTGAGGATGAGGGTGAACCTGGACCCCA  
CCCACCTCCCTCAAGCCTCTAACCCCTGCAGGCCGAGCCAGTGGCCAGAACCCAGGCCACCAGCCAGA  
GTAGAGACCCTGAGAGAGGAGGTGCCACAGACTTAAGAGTGTTGAGCTGAACTCAGATAGTGGGAAGT  
CTACACCTCCAACAATGGCAAGAAAGGCTCAAGCACGGACATCAGCGAGGACTGGGAGAAGGACTTCGA  
CTTGACATGACTGAAGAAGAAGTGCAGATGGCCCTTCCAAAGTGGATGCCTCTGGTGAAGTGAAGAT  
GTAGAGTGGGAGGACTGGAA

**ACGCGT**ACGCGGCCGCTCGAG - GFP Tag - GTTTAA



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**Protein Sequence:** >MG206806 representing NM\_133889  
 Red=Cloning site Green=Tags(s)

MAEGEDVGVWRSWLQQSYQAVKEKSTEALEFMKRDLTEFTQVVQHDTACTIAATASVVKEKLATEGSSGA  
 TEKVKKGLSDFLGVISDTFAPSPDKTIDCDVITLMGTPSGTAEPYDGTKARLYSLQSDPATYCNEPDGPP  
 ELFDWLSEFCLEEKKEISELLVGSPIRALYTKMVAASHSEFWHRFYKVVHLEQEARRDALKQR  
 ADQSISEEPGWEEEEEELEGI VSPKEAKIPKETKTTTTSPEDEPAPQSPCEETPVEPPAEATPSESSESI  
 SLVTQVANPAAAPEAPELPKDL SQKLFEASLEEQLAEDEGETGPPPPPSKPLTPAGRASGPEPRPPAR  
 VETLREEVPTDLRVFELNSDSGKSTPSNNGKKGSTDISDWEKDFDLDMTEEEVQMALSKVDASGELED  
 VEWEDWE

TRTRPLE – GFP Tag – V

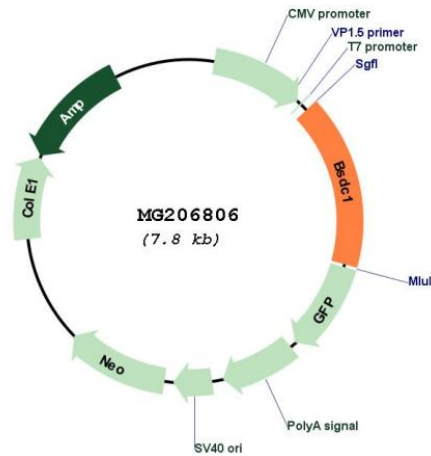
**Restriction Sites:**

SgfI-MluI

**Cloning Scheme:**



**Plasmid Map:**



**ACCN:**

NM\_133889

<b>ORF Size:</b>	1281 bp
<b>OTI Disclaimer:</b>	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. <a href="#">More info</a>
<b>OTI Annotation:</b>	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<a href="#">NM_133889.2</a> , <a href="#">NP_598650.2</a>
<b>RefSeq Size:</b>	2684 bp
<b>RefSeq ORF:</b>	1284 bp
<b>Locus ID:</b>	100383
<b>UniProt ID:</b>	<a href="#">Q80Y55</a>
<b>Cytogenetics:</b>	4 D2.2