

Product datasheet for **MR206806**

Bsdc1 (NM_133889) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Bsdc1 (NM_133889) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Bsdc1
Synonyms:	1110063F24Rik; AW011758
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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ORF Nucleotide Sequence:

>MR206806 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGGCGGAAGGGGAGGACGTGGGGTGGTGGCGGAGCTGGCTGCAGCAGAGCTACCAGGCAGTCAAAGAGA
 AGTCCACGGAAGCTTTGGAGTTCATGAAGCGGGACCTGACAGAATTTACCCAGGTGGTTCAGCATGACAC
 GCCTGCACCATAGCAGCCACAGCCAGTGTGGTCAAGGAGAAGCTGGCCACTGAAGGCTCCTCAGGAGCA
 ACAGAAAAAGTGAAGAAGGGTTATCCGACTTCTTAGGGGTGATCTCAGATACCTTTGCCCTCTCCAG
 ACAAAACCATCGACTGTGATGTCATCACCTGATGGGTACACCCTCTGGCACAGCTGAGCCATATGACGG
 CACCAAGGCTCGCTCTACAGTCTGCAGTCAGACCCGGCCACGTACTGCAACGAACCTGATGGGCCCCCG
 GAATTGTTTGTGCTGGCTTCCGAGTCTGCTTGGAGGAGAAGAAAGGGGAGATCTCAGAGCTCCTTG
 TAGGCAGCCCCTCCATCCGAGCCCTCTACACCAAGATGGTTCAGCAGCTGTTTCCATTGGAATTCTG
 GCATCGGTATTTCTATAAAGTCCACCAGCTTGAACAGGAGCAGGCCCGGAGGGATGCCCTGAAGCAGCGG
 GCAGACCAGAGTATCTCTGAAGACCTGGCTGGGAGGAAGAAGAAGAGGAGCTTGAAGGCATTGTACCAT
 CTCCAAAAGAGGCAAAGATTCCAAAAGAGACAAAACACTACTACATCCCCTGAAGATGAGCCTGCCCCCA
 AAGCCCTTGTGAGGAGACTCCAGTGGAGCCCCCTGCAGAGGCCACCCATCTGAGAGCAGTGAAGCAGT
 TCCCTGGTGACACAGGTTGCCAACCCCTGCAGCTGCACCGAGGCGCCAGAGCTACCTAAAGACCTGTCCC
 AAAAGCTGTTTGAAGGCGTGGTGGAAAGACAGAGTCTGGCTGAGGATGAGGGTAAAAGTGGACCCCA
 CCCACCTCCCTCAAGCCTTAACCCCTGCAGGCCGAGCCAGTGGCCAGAACCAGGCCACCAGCCAGA
 GTAGAGACCCTGAGAGAGGAGGTGCCACAGACTTAAGAGTGTTCGAGCTGAACCTCAGATAGTGGGAAGT
 CTACACCCTCAAACAATGGCAAGAAAGGCTCAAGCACGGACATCAGCGAGGACTGGGAGAAGGACTTCGA
 CTTGGACATGACTGAAGAAGAAGTGCAGATGGCCCTTCCAAAGTGGATGCCTCTGGTGAAGTGGAAAGT
 GTAGAGTGGGAGGACTGGGAA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>MR206806 protein sequence
 Red=Cloning site Green=Tags(s)

MAEGEDVGVWRSWLQQSYQAVKEKSTEALEFMKRDLTEFTQVVQHDTACTIAATASVVKEKLATEGSSGA
 TEKVKKGLSDFLGVISDTFAPSPDKTIDCDVITLMGTPSGTAEPYDGTKARLYSLQSDPATYCNEPDGPP
 ELFDLAWLSEFCLEEKKEISELLVGSPSIRALYTKMVAAPVSHSEFWHRFYKVVHQLQEQAARRDALKQR
 ADQSISEEPGWEEEEEELEGI VSPKEAKIPKETKTTTSPEDAPQSPCEETPVEPPAEATPSESSESI
 SLVTQVANPAAPEAPEL PKDLSQKLFEASLEEQSLAEDEGETGPPPPPPSKPLTPAGRASGPEPRPPAR
 VETLREEVPTDLRVFELNSDSGKSTPSNNGKGSSTDI SEDWEKDFDLDMTEEEVQMALSKVDASGELED
 VEWEDWE

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:

Sgfl-MluI

Cloning Scheme:

Cloning sites used for ORF Shutting:



* The last codon before the Stop codon of the ORF

ACCN: NM_133889

ORF Size: 1284 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_133889.2](#), [NP_598650.2](#)
RefSeq Size: 2684 bp

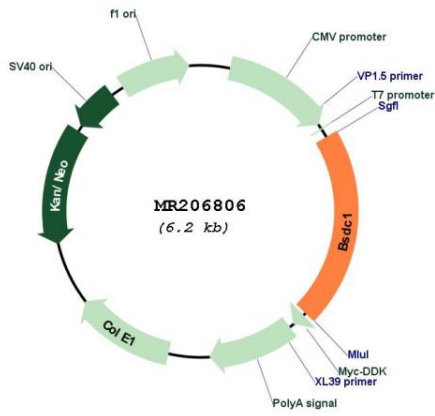
RefSeq ORF: 1284 bp

Locus ID: 100383

UniProt ID: [Q80Y55](#)
Cytogenetics: 4 D2.2

MW: 47 kDa

Product images:



Circular map for MR206806