

Product datasheet for **RN202574**

Bco1 (NM_053648) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Bco1 (NM_053648) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Bco1
Synonyms:	Bcdo; Bcmo1
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN202574 representing NM_053648
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGGAGATAATATTTGGCCGGAATAAGAAAGAACAGCTGGAGCCATTACGGGCCACAGTGACAGGCAGCA
TTCAGCATGGCTGCAGGGGACCCTGCTCCGAAACGGCCCTGGGATGCACACAGTGGGAGACAGCAAGTA
CAACCATTGGTTTGGTGGCTGGCCCTTCTCCACAGTTTCTCCATCAGAGATGGGAGGTCTTCTACAGG
AGCAAATACCTGCAGAGCGACACCTACAACGCCAATCGAGGCCAATAGAATCGTGGTGTCTGAGTTTCG
GAACAATGGCCTACCCAGACCCCTGCAAAAACATCTTTTCCAAAGCTTTCTCTACTTGTCCACACCAT
CCCCGACTTCACAGACAACCTGCCTGATTAACATCATGAAATGTGGAGAAGACTTCTATGCCACCACAGAG
ACCAACTACATCAGGAAAATCGACCCCCAGACTCTAGAGACCTTGGAGAAGGTTGATTACCGGAAGTATG
TGGCTGTAACCTGGCTACCTCACACCCTCATTACGACGAGGCTGAAAATGTCTTAACATGGGTACCTC
CATCGCGGACAAAGGAAGGACAAAATACGTGATGTTTAAGATCCCCGCCACAGCACCAGGCAGCAAGAAG
AAAGGGAAGAACCCTTGAAGCACTCAGAAGTTTTCTGCTCCATCCCGTCCCGCTCGCTGCTCTCCCCCA
GTTACTACCACAGCTTTGGAGTACGGAGAACTATGTGGTGTTCCTGGAGCAGCCTTTAAAGCTGGATAT
CCTCAAGATGGCCACCGCATACATGAGGGGTGTGAGCTGGGCTTCTGTATGACATTCTGCAAGGAGGAC
AAGACTTACATTCATATCATCGACCAGAAGACCAGAAAGCCTGTGCCAACCAAATTTACACAGACCCCA
TGGTGGTCTTCCACCATGTTAATGCCTATGAGGAGGACGGCTGTGTGCTGTTTGTATGTCATCGCCTATGA
GGACAACAGTCTCTATCAGCTCTTCTACCTGGCCAACCTGAACAAGGACTTCGAGGAGAAGTCCAGGCTG
ACCTCAGTGCCTACCCTCAGGAGGTTTGTGTGCCCTCCACGTGGACAAGGATGCAGAAGTGGGCTCGA
ATTTAGTCAAGGTGTCTCTACAACAGCAACTGCCCTGAAGGAGAAGGACGACCATGTCTACTGCCAGCC
TGAGGTCCTCTACGAAGGCCTAGAGCTCCCTCGGATAAATTATGCTCACACGGGAAGCCATATCGCTAC
ATCTTTGCTGCTGAAGTACAATGGAGTCCAGTCCCAACCAAGATACTAAAATATGACGTTCTCACCAAGT
CCTCCTTAAAGTGGTCCGAGGAGAGCTGCTGGCCTGCAGAGCCTCTGTTTGTCCCCACACCGGGTGCAG
GGATGAGGATGATGGAGTCATCTTATCAGCCATCATCTCTACAGATCCCCAAAAGCTGCCCTTTTACTT
ATTCTGGATGCGAAAAGTTTACGGAATTGGCTCGCGCCTCTGTTGATGTGGACATGCACCTGGACCTGC
ATGTTTTATTTATCCGGATGCAGGCTGGAATGCAGTGAAGCAGACTCCAGCCAAAACGCAAGAGGATGA
AAATTCAGATCATCCACAGGTCTGACAGCACCAGGATTGGGCCATGGTAAAATGACTTACGGCAGGT
CATGGCGCAAGAGCCTTAA

ACGCGTACGGCGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_053648

Insert Size: 1701 bp

OTI Disclaimer: Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).

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_053648.3](#), [NP_446100.2](#)

RefSeq Size: 1931 bp

RefSeq ORF: 1701 bp

Locus ID: 114106

Cytogenetics: 19q12