

Product datasheet for **MR227449A1V**

Mouse Bco1 (NM_001163028) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Mouse Bco1 (NM_001163028) AAV Particle
Tag:	Myc-DDK
Symbol:	Bco1
Synonyms:	Bcd; Bcdo; Bcdo1; Bcmo; Bcmo1; beta-C; beta-CD; betaCM; betaCMOOX; Cm; CMO1; Cmoi
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>MR227449 representing NM_001163028
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGAGATAATATTTGGCCAGAATAAGAAAGAACAGCTGGAGCCAGTTTCAGGCCAAAGTGACAGGCAGCA
 TTCCAGCATGGCTGCAGGGGACCTGCTCCGAAACGGGCCCGGATGCACACAGTGGGAGAGAGCAAGTA
 CAACCATTTGGTTTGATGGCCTGGCCCTTCTCCACAGTTTCTCCATCAGAGATGGGAGGTCTTCTACAGG
 AGCAAATACCTGCAGAGTGACACCTACATCGCCAAACATTGAGGCCAACAGAATCGTGGTGTCTGAGTTTCG
 GAACCATGGCCTACCCGACCCCTGCAAAAACATCTTTTCCAAAGCTTTCTCTACTTGTCTCACACCAT
 CCCCAGCTTCACAGACAACTGTCTGATCAACATCATGAAATGTGGAGAAGACTTCTATGCAACACCGGAG
 ACCAACTACATCAGGAAATCGACCCCGAGACCTAGAGACCTTGAGAGAAGGTTGATTACCGGAAGTATG
 TGGCGGTAACCTGGCTACCTCGCACCTCATTATGACGAGGCTGGGAATGTCCTTAACATGGGCACATC
 CGTCGTGGACAAAGGGAGGACAAAATACGTGATATTTAAGATCCCTGCCACAGTGCCAGACAGCAAGAAG
 AAAGGGGAAGAGTCCCGTGAAGCACGCGGAAGTTTTCTGCTCCATTTCTCCCGCTCGTTGCTCTCTCCCA
 GCTACTACCACAGCTTTGGTGTACGGAGAAGTATGTGGTGTCTTCTGGAGCAGCCTTTTAAAGTTGGATAT
 CCTCAAGATGGCCACCGCATACATGAGGGGAGTGAGCTGGGCTTCTGTATGTCATTCGACAGGGAGGAC
 AAGACATACATTCATATCATCGACCAGAGGACAGGAAGCCTGTGCCTACCAAGTTCTACACAGATCCCA
 TGGTGGTCTTCCATCATGTCAATGCCTACGAGGAGGACGGCTGTGTGCTGTTGATGTGATCGCCTATGA
 GGACAGCAGCCTCTATCAGCTCTTCTACCTGGCCAACCTGAACAAGGACTTCGAGGAGAAGTCCAGGCTG
 ACCTCAGTGCCTACCCCTCAGGAGGTTTGTGTGCCCTCCATGTGGACAAGGATGCAGAAGTGGGCTCAA
 ATTTAGTCAAGGTGTCTACAACCTGCAACAGCCCTGAAGGAGAAAGACGGCCATGTCTATTGCCAGCC
 CGAGGTCTCTACGAAGGCCTAGAGCTCCCTCGGATAAATTATGCTTACAACGGGAAGCCATATCGCTAC
 ATCTTTGCAGCTGAAGTACAGTGGAGTCCAGTCCCAACCAAGATACTGAAATATGACATTCTCACAAAGT
 CCTCCTTAAAGTGGTCTGAGGAGAGCTGCTGGCCAGCAGAGCCTCTGTTTGTCCACGCCAGGTGCGAA
 GGATGAAGATGATGTCCCTTGACAGGCCAAGCAGAGACTGTGGAGTCCAAGGGCCCCATCGTAAATCACAT
 TGTCAGCTGAGCATAGCATGTGTGCCTGAGATCTCAGCATTGGGAGGCAGACAGAAGACAATCAGGGGT
 CTACAGTCATTCTCAGATATACAGAGAATTTGAACATC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

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MEIIFGQNKKEQLEPVQAKVTGSIPAWLQGTLLRNGPGMHTVGESKYNHWFGLALLHSFSIRDGEVIFYR
 SKYLQSDTYIANIEANRIVVSEFGTMAYPDPCKNIFSKAFSYLSHTIPDFDNCLINIMKCGEDFYATTE
 TNYIRKIDPQTLETLEKVDYRKYVAVNLATSHPHYDEAGNVLMGTSVVDKGRTKYVIFKIPATVPDSKK
 KGKSPVKHAEVFCSSISRLSPSYHSGVTENYVVFLEQPFKLDILKMATAYMRGVSWASCMFSDRED
 KTYIHIIDQRTRKPVPTKFYTDPMVVFHVNAYEEDGCVLFDVIAYEDSSLYQLFYLANLNKDFEEKSRL
 TSVPTLRRFAVPLHVDKDAEVGSNLVKVSSTATALKEKDGHVYQPEVLYEGLLEPRINYANGKPYRY
 IFAAEVQWSPVPTKILKYDILTKSSLKWSEESCWPAEPLFVPTPGAKDEDDVPCRPSRDCGVQGPGRKSH
 CQLSIACVPEISAFGRQTEDNQGSTVILRYTENLNY

TRTRPLE**QKL**ISEEDLAANDILDYKDDDDKV

Species:

Mouse

Serotype:

AAV-2

ACCN:

NM_001163028

ORF Size:

1578 bp

Buffer:	PBS with 0.001% Pluronic F68
Stability:	AAV is stable for 1 year when stored at -80°C (long-term storage) or 2-3 weeks when stored at -20°C (short-term storage). Thaw the vial of AAV on ice prior to use and keep it on ice during the experiment. Thawed AAV can be stored at 4°C for 1-2 weeks. Whenever possible, particles should be aliquoted into single use portions to avoid repeated freeze/thaw cycles. Please aliquot at least 10ul per tube and use low protein binding tubes to avoid loss of virus.
RefSeq:	<u>NM_001163028.1, NP_001156500.1</u>
RefSeq Size:	2532 bp
RefSeq ORF:	1581 bp
Locus ID:	63857
Cytogenetics:	8 E1
MW:	60.3 kDa