

Product datasheet for **RC223790A1V**

Human BCMO1 (BCO1) (NM_017429) AAV Particle

Product data:

Product Type:	AAV Particles
Tag:	Myc-DDK
Symbol:	BCMO1
Synonyms:	BCDO; BCD01; BCMO; BCMO1; BCO
Mammalian Cell	None
Selection:	
Vector:	pAAV-AC-Myc-DDK (PS100089)



ORF Nucleotide Sequence: >RC223790 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCGCGATCGCC

ATGGATATAATATTTGGCAGGAATAGGAAAGAACAGCTGGAGCCTGTGAGGGCCAAAGTGACAGGCAAGA
 TTCCAGCATGGCTGCAGGGAACCTGCTCCGCAACGGGCTGGGATGCACACAGTTGGGGAGTCCAGATA
 CAACCATTTGGTTCGACGGCCTTGCCCTGCTCCACAGCTTCACCATCAGAGACGGTGAAGTCTATTACAGG
 AGCAATACCTGAGAAGCGATACCTACAACACCAATATTGAGGCAACAGGATTGTGGTGTCTGAGTTTG
 GAACAATGGCCTATCCGGACCCCTGCAAAAACATATTTTCCAAAGCTTTCTCTACTTGTCTCACACCAT
 CCCCATTTCACCGACAACCTGCCTGATCAACATCATGAAGTGGGAGAAGACTTCTACGCGACCTCAGAG
 ACCAATTACATCAGGAAAATCAACCCACAGACTCTGAAACCCTGGAGAAGGTTGATTATCGTAAATACG
 TGGCGGTAATCTGGCAACGTCACATCCCCATTATGATGAGGCTGGAAATGTTCTAAACATGGGCACATC
 CATTGTGAAAAGGGGAAGACAAAGTATGTGATTTTTAAGATCCCTGCCACAGTACCAGAGGGCAAGAAG
 CAGGGGAAGAGCCCTGGAAGCACACAGAGGTGTTCTGCTCCATCCCATCCCGCTCCCTGCTCTCCCAA
 GCTACTACCACAGCTTTGGAGTCACCGAGAAGTATGTCATCTTCTTGAGCAGCCTTTCAGGTTGGATAT
 TCTCAAGATGGCAACCGCATACATCCGGAGTATGAGCTGGGCTCCTGCCTGGCTTTCCACAGGGAGGAG
 AAGACTTATATCCACATCATCGACCAAGGACAGGAGCCTGTGCAGACCAAGTTTACACAGACGCCA
 TGGTGGTCTTCCATCAGCTCAACGCCTACGAAGAGGACGGCTGCATCGTGTGACGTCATTGCCTACGA
 GGACAACAGCCTCTACCAGCTTTCTACCTGGCCAACCTGAACCAGGACTTCAAGGAGAAGTCCAGGCTC
 ACCTCGGTCCCCACCTCAGGAGGTTTGGCGTGGCCCTCCACGTGGACAAGAATGCAGAAGTGGGCACAA
 ATTTAATCAAAGTGGCATCTACAACAGCCACGGCCCTGAAGGAAGAAGTGGCCAAGTCTACTGCCAGCC
 GGAAATTTCTTATGAAGGCTTAGAGCTTCCACGGGTCAATTATGCTCACAATGGAAAGCAATACCGATAT
 GTCTTTGCTACAGGAGTTCAGTGGAGTCCAATCCAACCAAGATAATAAAATATGACATTCTCACAAGT
 CATCCTTAAATGGAGAGAGGACGACTGCTGGCCAGCGGAACCCCTGTTTGTGCCCCGCCAGGTGCCAA
 GGATGAGGATGACGGAGTAATCTTATCAGCCATTGTCTCTACTGATCCCCAAAAGCTGCCTTTTCTGCTC
 ATTCTGGATGCCAAAAGCTTTACGGAATTGGCCGTCCTCTGTTGATGTCGATATGCACATGGATCTCC
 ATGGATTATTCATTACAGACATGGACTGGGACACAAAAAGCAGGCCGCTTCTGAGGAACAGCGGGACAG
 GGCTTCCGACTGCCACGGGCTCCTCTGACC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >RC223790 protein sequence
 Red=Cloning site Green=Tags(s)

MDIIFGRNRKEQLEPVRAKVTGKIPAWLQGTLLRNGPMHTVGESRYNHWFDGLALLHSFTIRDGEVYYR
 SKYLRSPTYNTNIEANRIVVSEFGTMAYDPCKNIFSKAFSYLSHTIPDFDNLINIMKCGEDFYATSE
 TNYIRKINPQTLETLEKVDYRKYVAVNLATSHPHYDEAGNVLMGMTSIVEKGKTKYVIFKIPATVPEGKK
 QGKSPWKHTEVFCSPSRLLSPSYHSFGVTENYVIFLEQPFRLDILKMATAYIRMSWASCLAFHREE
 KTYIHIDQRTRQPVQTKFYTDAMVVFHVNAYEEDGCIIVFDVIAVEDNSLYQLFYLANLNQDFKENSRL
 TSVPTLRRFAVPLHVDKNAEVTNLIKVASTTATALKEEDGQVYCQPEFLYEGLELPRVNYAHNGKQYRY
 VFATGVQWSP IPTKI IKYDILTKSSLKWREDDCWPAEPLFVPAPGAKDEDDGVILSAIVSTDPQKLPFL
 ILDAKSFTELARASVDVMDHMDLHGLFITDMDWDTKKQAASEEQDRDRASDCHGAPLT

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species: Human

Serotype: AAV-2

ACCN: NM_017429

ORF Size: 1641 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_017429.2</u>
RefSeq Size:	2446 bp
RefSeq ORF:	1644 bp
Locus ID:	53630
UniProt ID:	<u>Q9HAY6</u>
Cytogenetics:	16q23.2
MW:	62.6 kDa