

Product datasheet for **RC220496A1V**

Human BMT2 (NM_152556) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human BMT2 (NM_152556) AAV Particle
Tag:	Myc-DDK
Symbol:	BMT2
Synonyms:	C7orf60; SAMTOR
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)
ORF Nucleotide Sequence:	>RC220496 ORF sequence Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGCATCGCC**

ATGGAGCCAGGGGCCGGCGCCGAAATACTGCTCGTGCAGAGGGCCGGGTCCCGAACACTCCGCCGC
CCCGGGAGCAGGAGCGGAAACTGGAGCAGGAGAAGCTCTCCGGTGTGGTGAAGAGCGTCCACCGCGGCT
CCGCAAGAAGTACCGAGAAGTGGGAGATTTTGATAAGATCTGGCGAGAACACTGTGAGGATGAAGAACT
CTTTGTGAATATGCCGTTGCAATGAAAAATTTGGCAGATAATCATTGGGCAAAACTTGTGAGGGCGAAG
GTCGTATTGAATGGTGTGTAGTGTATGCAGAGAATATTTCCAAATGGTGGGAAGAGAAAAGCACTTGA
GAAAGATGAAAAAAGAGCTGTACTTGCCACTAAGACCACTCCAGCCTTAAATATGCATGAGTCTTCTCAA
CTTGAAGTCAATTAACCAACCTCAGCTTTACAAACCTGAATTTATAACTGAGTTGCTACAAGCCTCAG
GAAAAATCAGATTACTTGATGTTGGCAGCTGCTTTAACCCATTTCTGAAGTTTGAAGAATTTCTAACTGT
TGGCATAGATATTGTACCTGCTGTAGAGAGTGTCTATAAATGTGATTTCTGAAGTTTACAGCTTCAGCAA
CCACTCCAGCTTGCACAGGATGCTATAGATGCTTTTTGAAGCAGCTGAAAAACCTATTGATTCTCTTC
CTGGAGAGCTTTCCATGTGGTTGTTTTCTCTCCTTCTTTCTATTTTCCATCTCCTTACCAGCGATG
GATTTGCTGCAAGAAAGCCCATGAAGTGTAGTGTAAATGGTTTATTACTAATCATCACACCTGATTCC
TCCCATCAGAACCGTCATGCTATGATGATGAAAAGCTGGAAGATTGCTATAGAGTCCCTGGGCTTTAAAC
GCTTCAAGTACTCAAAATTTTACATATGCATCTGATGGCATTAGGAAAATCTCTCTAAAAACCAAG
TGACTTGGTTAGTAGGAAGTACCCAGGAATGTTATATTTCTCAAGATTTCAACAGTATAGAAGATGAG
GAATATTCTAACCCCTTCTGCTATGTTTCGATCAGATATAGAAGATGAACAACTAGCATATGGTTTCACAG
AACTCCCTGATGCGCCATATGACTCAGATTCTGGAGAAAGTCAAGCCAGCTCTATTCTTTCTATGAGCT
AGAAGACCCCATATTACTTTTAAGT

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence:	>RC220496 protein sequence Red=Cloning site Green=Tags(s) MEPGAGGRNTARAQRAGSPNTPPPQERKLEQEKLSGVVKSVMHRLRKKYREVGFDFKIWREHCEDEET LCEYAVAMKNLADNHWAKTCEGEGRIEWCCSVCREYFQNGGKRKALEKDEKRAVLATKTTPALNMHESQ LEGHLTNLSFTNPEFITELLQASGKIRLLDVGSCFNPFLKFEEFLTVGIDIVPAVESVYKCDFLNLQLQQ PLQLAQDAIDAFLLKQKNPIDSLPGELFHVVFSLLLSYFSPYQWICCKKAHELLVLNGLLLIITPDS SHQNRHAMMMKSWKIAIESLGFKRFKYSKFSMHLMFAFRKISLKTTSDLVSRNYPGMLYIPQDFNSIEDE EYSNPSCYVRSDIEDEQLAYGFTLPDAPYDSDSGESQASSIPFYELEDPIILLLS TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_152556
ORF Size:	1215 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:	NM_152556.2
RefSeq Size:	3969 bp
RefSeq ORF:	1218 bp
Locus ID:	154743
UniProt ID:	Q1RMZ1
Cytogenetics:	7q31.1
MW:	46.3 kDa