

Product datasheet for **RC220961A1V**

Human BUB3 (NM_001007793) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human BUB3 (NM_001007793) AAV Particle
Tag:	Myc-DDK
Symbol:	BUB3
Synonyms:	BUB3L; hBUB3
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)
ORF Nucleotide Sequence:	>NM_001007793 ORF sequence, RC220961 may differ due to SNPs. Blue=ORF Red=Cloning site Green=Tag(s)

GCTCGTTTAGTGAACCGTCAGAATTTTGTAAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCC**GCGATCGCC**
ATGACCGGTTCTAACGAGTTCAAGCTGAACCGACCCGAGGATGGCATCTCTCCGTGAAGTTCAGC
CCCAACACCTCCAGTTCCTGCTGTCTCTCTGGGACACGTCCGTGCGTCTCTACGATGTGCCGGCC
AACTCCATGCGGCTCAAGTACCAGCACACCGGCCCGCTCTGGACTGCGCCTTCTACGATCCAACGCAT
GCCTGGAGTGGAGGACTAGATCATCAATTGAAAATGCATGATTTGAACACTGATCAAGAAAATCTTGT
GGGACCATGATGCCCTATCAGATGTGTGAATACTGTCCAGAAGTGAATGTGATGGTCACTGGAAGT
TGGGATCAGACAGTTAACTGTGGGATCCAGAACTCCTTGAATGCTGGGACCTTCTCTCAGCCTGAA
AAGGTATATACCCTCTCAGTGTCTGGAGACCGGCTGATTGTGGGAACAGCAGGCCGAGAGTGTGGTG
TGGGACTTACGGAACATGGGTTACGTGCAGCAGCGCAGGAGTCCAGCCTGAAATACCAGACTCGCTGC
ATACGAGCGTTTCCAAACAAGCAGGTTATGTATTAAGCTCTATTGAAGGCCGAGTGGCAGTTGAGTAT
TTGGACCAAGCCCTGAGGTACAGAAGAAGAAGTATGCCTTCAAATGTCACAGACTAAAAGAAAATAAT
ATTGAGCAGATTTACCCAGTCAATGCCATTTCTTTTACAATATCCACAATACATTTGCCACAGGTGGT
TCTGATGGCTTTGTAATATTTGGGATCCATTTAACAAAAGCGACTGTGCCAATTCATCGGTACCCC
ACGAGCATCGCATCACTTGCTTCAGTAATGATGGGACTACGCTTGAATAGCGTCATCATATATGTAT
GAAATGGATGACACAGAACATCCTGAAGATGGTATCTTCATTGCCAAGTGACAGATGCAGAAACAAA
CCCAAGTCCACC
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTAAACGGCCGGC



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Protein Sequence:	>Peptide sequence encoded by RC220961 Blue=ORF Red=Cloning site Green=Tag(s) MTGSNEFKLNQPPEDGISSVKFSPNTSQFLLVSSWDTSVRLYDVPANSMRLKYQHTGAVLDCAFYDPTH AWSGGLDHQLKMHDNLTDQENLVGTHDAPIRCVEYCPEVNMVTGSWDQTVKLWDPRTPCNAGTFSQPE KYYTLSVSGDRLIVGTAGRRVLVWDLRNMGYVQQRRESSLKYQTRCIRAFPNKQGYVLSSIEGRVAVEY LDPSPVQKKKYAFKCHRLKENNIEQIYPVNAISFHNIHNTFATGGSDGFVNIWDPFNKKRLCQFHRYP TSIASLAFSNDGTTLAIASSYMYEMDDTEHPEDGIFIRQVTDATKPKST TRTRPLEQKLISEEDLAANDILDYKDDDDKV Recombinant protein using RC220961 also available, TP320961
Species:	Human
Serotype:	AAV-2
ACCN:	NM_001007793
ORF Size:	978 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_001007793.3
RefSeq Size:	1374 bp
RefSeq ORF:	981 bp
Locus ID:	9184
UniProt ID:	O43684
Cytogenetics:	10q26.13
MW:	37 kDa