

## Product datasheet for **RC204043A1V**

### Human BUD23 (NM\_017528) AAV Particle

#### Product data:

Product Type: AAV Particles  
 Product Name: Human BUD23 (NM\_017528) AAV Particle  
 Tag: Myc-DDK  
 Symbol: BUD23  
 Synonyms: HASJ4442; HUSSY-3; MERM1; PP3381; WBMT; WBSCR22  
 Mammalian Cell Selection: None  
 Vector: pAAV-AC-Myc-DDK (PS100089)  
 ORF Nucleotide Sequence: >RC204043 ORF sequence  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGGCGTCCC CGCGCCGGCGTCCGGAGCATGGCGGACCC CAGAGCTGTTTTATGACGAGACAGAAGCCC  
 GGAAATACGTT CGCAACTCACGGATGATTGATATCCAGACCAGGATGGCTGGGCGAGCATTGGAGCTTCT  
 TTATCTGCCAGAGAATAAGCCCTGTTACCTGCTGGATATTGGCTGTGGCACTGGGCTGAGTGGAAATTAT  
 CTGTCAGATGAAGGGCACTATTGGGTGGGCCTGGATATCAGCCCTGCCATGCTGGATGAGGCTGTGGAC  
 GAGAGATAGAGGGAGACCTGCTGCTGGGGGATATGGGCCAGGGCATCCCATTCAAGCCAGGCACATTTGA  
 TGGTTGCATCAGCATTTCTGCTGTGCACTGGCTCTGTAATGCTAACAAGAAGTCTGAAAACCCCTGCCAAG  
 CGCCTGTACTGCTTTTTGCTTCTTTTTTCTGTTCTCGTCCGGGGATCCCGAGCTGTCTGCAGCTGT  
 ACCCTGAGAACTCAGAGCAGTTGGAGCTGATCACAACCCAGGCCACAAAGGCAGGCTTCTCCGGTGGCAT  
 GGTGGTAGACTACCTAACAGTGCCAAAGCAAAGAAATTCTACCTCTGCTTGTCTTCTGGGCCTTCGACC  
 TTTATACCAGAGGGGCTGAGTAAAAATCAGGATGAAGTTGAACCCAGGGAGTCTGTGTTACCAATGAGA  
 GGTTCCTTAAGGATGTCGAGGCGGGGAATGGTGAGGAAGAGTCGGGCATGGGTGCTGGAGAAGAAGGA  
 CGGCACAGGCCAGGGCAGGGAAGTCAGACCTGACACCCAGTACACCGGCCGCAAGCGCAAGCCCCGC  
 TTC

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA



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<b>Protein Sequence:</b>	>RC204043 protein sequence Red=Cloning site Green=Tags(s)  MASRGRRPEHGGPELFYDETEARKYVRNSRMIDIQTRMAGRALELLYL PENKPCYLLDIGCGTGLSGSY LSDEGHYVWGLDISPAMLEAVDREIEGDL LLGDMGQGI PFKPGTFDGCISISAVQWLCNANKKSENPAK RLYCF FASLFSVLVRGSRAVLQLYPENSEQLELIT TQATKAGFSGGMVVDYPNSAKAKKFYLCLFSGPST F IPEGLSENQDEVEPRESVFTNERFPLRMSRRGMVRKSRAWVLEKKERHRRQGREVRPDTQYTGRKRKPR F  TRTRPLEQKLISEEDLAANDILDYKDDDDKV
<b>Species:</b>	Human
<b>Serotype:</b>	AAV-2
<b>ACCN:</b>	NM_017528
<b>ORF Size:</b>	843 bp
<b>Buffer:</b>	PBS with 0.001% Pluronic F68
<b>Stability:</b>	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.
<b>RefSeq:</b>	<u>NM_017528.2</u>
<b>RefSeq Size:</b>	1256 bp
<b>RefSeq ORF:</b>	846 bp
<b>Locus ID:</b>	114049
<b>UniProt ID:</b>	<u>O43709</u>
<b>Cytogenetics:</b>	7q11.23
<b>MW:</b>	31.9 kDa