

## Product datasheet for **RC227111A1V**

### Human BRP44 (MPC2) (NM\_001143674) AAV Particle

#### Product data:

**Product Type:** AAV Particles  
**Product Name:** Human BRP44 (MPC2) (NM\_001143674) AAV Particle  
**Tag:** Myc-DDK  
**Symbol:** BRP44  
**Synonyms:** BRP44; SLC54A2  
**Mammalian Cell Selection:** None  
**Vector:** pAAV-AC-Myc-DDK (PS100089)  
**ORF Nucleotide Sequence:** >RC227111 ORF sequence  
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGCATCGCC**

ATGTCGGCCGCCGGTGCCTGAGGCTGCGGGCCACCTACCACCGGCTCCTCGATAAAGTGGAGCTGATGC  
TGCCCGAGAAATTGAGGCCGTTGTACAACCATCCAGCAGGTCCCAGAACAGTTTTCTTCTGGCTCCAAT  
TATGAAATGGGGGTTGGTGTGTGCTGGATTGGCTGATATGGCCAGACCTGCAGAAAACTTAGCACAGCT  
CAATCTGCTGTTTTGATGGCTACAGGGTTATTTGGTCAAGATACTCACTTGAATTATCCAAAAAATT  
GGAGTCTGTTTGTGTTAATTTCTTTGTGGGGCAGCAGGAGCCTCTCAGCTTTTTCGTATTTGGAGATA  
TAACCAAGAACTAAAAGCTAAAGCACACAAA

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:** >RC227111 protein sequence  
Red=Cloning site Green=Tags(s)  
MSAAGARGLRATYHRLLDKVELMLPEKLRPLYNHPAGPRTVFFWAPIMKWGLVCAGLADMARPAEKLSTA  
QSAVLMATGFIWSRYSLV IIPKNWSLFAVNFVGAAGASQLFRIWRYNQLKAKAHK

**TR**TRPLEQKLISEEDLAANDILDYKDDDDKV

**Species:** Human  
**Serotype:** AAV-2  
**ACCN:** NM\_001143674



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<b>ORF Size:</b>	381 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><a href="#">NM_001143674.1</a></u>
<b>RefSeq Size:</b>	2220 bp
<b>RefSeq ORF:</b>	384 bp
<b>Locus ID:</b>	25874
<b>UniProt ID:</b>	<u><a href="#">O95563</a></u>
<b>Cytogenetics:</b>	1q24.2
<b>MW:</b>	14.3 kDa