

## Product datasheet for **MR223069A1V**

### Mouse B3gnt4 (NM\_198611) AAV Particle

#### Product data:

**Product Type:** AAV Particles  
**Product Name:** Mouse B3gnt4 (NM\_198611) AAV Particle  
**Tag:** Myc-DDK  
**Symbol:** B3gnt4  
**Synonyms:** 1010001G17Rik; BGnT-4  
**Mammalian Cell Selection:** None  
**Vector:** pAAV-AC-Myc-DDK (PS100089)  
**ORF Nucleotide Sequence:** >MR223069 ORF sequence  
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGGATCGCC**

ATGTTGTCCAGGTTGGGCTGTGTGCTGTTCTGCAGTCTTGTTGTTACTACTGCTCAGCTGCCTGCTCCTTC  
TGAAGGAGCGCATACCAGCAGGCAGCTCCAAGGCCACCAGCAGTTCTTGGCACTGCCAAGGTCCCACCA  
TAGCCAGTGCTCACCAACCTAACAGTTGTTAACACCTCCCTGTCCCTGCCAGCCGTCATCGCCTCTTC  
TTAACCTATCGACACTGCCGAACTTCTCCATCTTCTGGAGCCTTCGGAGTGTGCCAGGGACACCTTCC  
TGCTCCTGGTCATCAAGTCACAGCTGCTCATATTGAACAGCGTTCAGCCATTGGAAGCACTTGGGGCCG  
GGCTGGGAGCTGGGCTAGGGGTCGGCAGCTGAAGCTGGTGTTCCTCCTGGGGTGGCAGGACCTGTGCC  
CCGGCCAGCTGTTGGTCTATGAGAGCTGGCAGTTTGATGACATCTTACAGTGGGACTTTGCTGAGGACT  
TCTTTAACCTGACTCTCAAGGAGCTGCACGTGCAGCGCTGGATCGCAGCTGCCTGCACACAGGCCCACTT  
CATACTAAAGGGAGACGATGACGTCTTTATCCATGTTCCCAATGTGCTCGAGTCTTGGAGGGCTGGGAT  
CCGGCCAGGACTTCTAGTGGGAGATGTCATCCGCTTGGCCCGGCCAACAGGAACACCAAAGTTAAAT  
ATTTATCCCGTTTTCCATGTACAGGGCCGCGCACTACCCACCTATGCAGGAGGCGCGGCTACGTCAT  
GTCCCAGGCTACTGTGAGGCATCTTACACGGCCATGGAGGAGGCAGAGCTCTTCTATTGACGATGTC  
TTTGTGGGATGTGCCTGAGGAAGCTGGGGTACTCCCATACCCATGCTGGCTCAAGACATTTGGAA  
TCCAACAGCCCTCAATCCAGGGACCTTGTCTGTACAAAGGGCTCCTGCTGGTGCACCGTCTCAGCCC  
CCTGGAGATGTGGACCATGTGGCGCTGGTGACAGATGAGAGGCTTAAGTGTGCAGCTACCCACAAGCCC

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA



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<b>Protein Sequence:</b>	<p>&gt;MR223069 protein sequence  <span style="color: red;">Red</span>=Cloning site <span style="color: green;">Green</span>=Tags(s)</p> <p>MLSRLGCVLFCSLVLLLLSCLLLLKERIPAGSSKAHQFLALPRSHHSQCSPNLTVVNTSLSLPSRHRLF          LTYRHRNFSILLEPSECARDTFLLLVIKSQPAHIEQRS AIRSTWGRAGSWARGRQLKLVFLG VAGPVP          PAQLLVYESWQFDDILQWDF AEDFFNLTKELHVQRWIAAACTQAHFILKGDDDFV IHV PNVLEFLEGWD          PAQDFLVGDVIRLARP NRNTKVKYFIPFSMYRARHYPPYAGGGGYVMSQATVRHLHTAMEEAELFPID DV          FVGMCLRKLGVTP IHHAGFKTFGIQQPLNPRDPCLYKGLLLVHRLSPLMWTMWALVTDERLKCAATHKP</p> <p><span style="color: red;">TR</span><span style="color: green;">TRPLEQKLI SEEDLAANDILDYKDDDDKV</span></p>
<b>Species:</b>	Mouse
<b>Serotype:</b>	AAV-2
<b>ACCN:</b>	NM_198611
<b>ORF Size:</b>	1053 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>	<a href="#">NM_198611.2</a> , <a href="#">NP_941013.2</a>
<b>RefSeq Size:</b>	1423 bp
<b>RefSeq ORF:</b>	1053 bp
<b>Locus ID:</b>	231727
<b>UniProt ID:</b>	<a href="#">Q1RLK6</a>
<b>Cytogenetics:</b>	5 F
<b>MW:</b>	39.8 kDa