

## Product datasheet for **MR224264A1V**

### Mouse Gtpbp3 (NM\_032544) AAV Particle

#### Product data:

|                           |                                       |
|---------------------------|---------------------------------------|
| Product Type:             | AAV Particles                         |
| Product Name:             | Mouse Gtpbp3 (NM_032544) AAV Particle |
| Tag:                      | Myc-DDK                               |
| Symbol:                   | Gtpbp3                                |
| Synonyms:                 | 2410009F13Rik; AI607903               |
| Mammalian Cell Selection: | None                                  |
| Vector:                   | pAAV-AC-Myc-DDK (PS100089)            |



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**ORF Nucleotide  
Sequence:**

>MR224264 ORF sequence  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGTGGCGTGGGCTGAGCGCCCTGGTGACCCAGCGCGCTGGGCGCCCTCAGGCTGTGCGCAGCTGCA  
 GCACCAAGTGCAGAGTCCCTAGTCCCCAGCAGCACCATCTTCGCACTCAGCTCCGGCCAGGACGCTGCGC  
 CATCGCAGTGATCCGCACCGAGCGGTCCAGCTAGCGGGCTCGCGCTCCGACGCTCACGGCGCTCCAGGAG  
 CCGCCTCTGCCCGCAGAGCCTGCCTGCGCCTTCTCCGCCACCCGTGCTCCGGGAGCCACTGGACCGCT  
 CACTCGTCTCTGGTTCAGGACCCAGAGTTTCACGGGTGAGGATTGCGTGGAGTTTCACGTACACGG  
 AGGTCTGCGGTGGTCAGCGGTGTCTTGACGGCATTGGGTAGTGTGCCAGGACTGCGGCCAGCCAGGCC  
 GGAGAGTTCACAGGAGGGCATTGGCCATGGCAAGCTGAGCCTGACTGAAGTGGAGGGACTGGCAGATC  
 TTATCCGTGCAGAACTGAGGCCAGCGCTGACAGGCTCTGAGGCAGCTGGATGGGAACTGAGCCAGCT  
 CTGCCAGGGCTGGGCAAAGACTCTACCAAGGCTCTGGCCTATGTGGAGGCCACATTGACTTCGGAGAG  
 GATGATAATTTGGAAGAGGGTGTGTTGGAGCAGCGGACAGAGAAGTTCGAGCCCTGGAGGTGGCGCTGG  
 GTTCCACCTGCGAGATGCTAGGCGTGGACAAAGGCTCCTCTCGGGGGCAAATGTTGTGGTCACTGGACC  
 TCCCAATGCGGGCAAGAGCAGTCTGGTGAATCTACTCAGCCAAAAGCCAGTGTCCATCGTGTCCCGAGAG  
 CCTGGGACCAACCGTGACGTGCTGGAGACTCCCGTGGACTTGGCTGGGTTCCCTGTCTTGCTGAGCGACA  
 CTGCAGGGCTCCGGGAAGGCGTGGGCGCTGTTGAGCAGGAGGGTGTGCGCAGGGCCCGCCACAGGCTGGA  
 GCAGGCTGACATATTCTGGGGTGTGGACGCTCCGACCTGGCCTCCTCATCCAGCTGCAGCTTCCTG  
 GACACTGTAGTGACCCCACTGCTAGCACAAAGCAAGACAGCGGTGGGAGCGCCTCCTGCTGCTGCTCA  
 ACAAACTGATCTGCTGTCTGCTAATGCCCCAGCCTGCGACATAGCCCTGCCTCCTCACCTGCTCCTGTC  
 CTGCCACAGGGAGCGGGATGGACAGCCTCCTGCAGGCCCTGAAGACCGAGCTGGCTGCGGTGTGTGGG  
 GACCCATCCACAGGACACCGCTCTTGACCCGGGTGAGCACCAGTACCACCTCCAGGGTGCCTGGATG  
 CCTTGGGCCACTACCAGCTGGCCACAGACCTGGCTCTGGCGGCCGAGGCCCTGCGCCAGGCTCGGAGGCA  
 ACTAAATCACCTCACAGGTGGAGGAGGAACGGAGGAGATCCTGGATCTCATCTTCCAGGACTTCTGTGTG  
 GGCAAG

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:**

>MR224264 protein sequence  
 Red=Cloning site Green=Tags(s)

MWRGLSALVTQAAWAPLRLCARCSTSAESLVPSSITIFALSSGQGRCAIAVIRTSGPASGLALRSLTALQE  
 PPPARRACLRLLRHPCSGEPLDRSLVLWFPGPQSFTGEDCVFHVHGGPAVVSGLVQALGSVPGLRPAAE  
 GEFTTRRAFAHGKLSL TEVEGLADLIRAETEAQRRQALRQLDGELS QLCQGWAKLTALAYVEAYIDFGE  
 DDNLEEGVLEQADREVRALVALGSHLRDARRGQRLLSGANVVVTGPPNAGKSSLVNLLSQKPVSVISPE  
 PGTTTRDVL ETPVDLAGFPVLLSDTAGLREGVGAVEQEGVRRARHRLEQADIILGVLDASDLASSSSCSFL  
 DTVVTPLLAQSDSGGQRLLLLLLNKSDLLSANAPACDIALPPHLLLSCHTGAGMDSLLQALKTELAAVCG  
 DPSTGPPLLTRVRHQYHLQGCCLDALGHYQLATDLALAAEALRQARRQLNHLTGGGGTEEILDIFQDFCV  
 GK

**TR**TRPLEQKLISEEDLAANDILDYKDDDDKV

**Species:**

Mouse

**Serotype:**

AAV-2

**ACCN:**

NM\_032544

**ORF Size:**

1476 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_032544.3</a></u>                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>RefSeq Size:</b>  | 2800 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>RefSeq ORF:</b>   | 1479 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>Locus ID:</b>     | 70359                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>UniProt ID:</b>   | <u><a href="#">Q923K4</a></u>                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Cytogenetics:</b> | 8 B3.3                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>MW:</b>           | 52.2 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |