

## Product datasheet for **MR229255A1V**

### Mouse GnbII (NM\_001081682) AAV Particle

#### Product data:

|                |                                                            |
|----------------|------------------------------------------------------------|
| Product Type:  | AAV Particles                                              |
| Tag:           | Myc-DDK                                                    |
| Symbol:        | GnbII                                                      |
| Synonyms:      | ESTM55; Gm16314; Me49f07; OTTMUSG00000033458; Wdr14; Wdvcl |
| Mammalian Cell | None                                                       |
| Selection:     |                                                            |
| Vector:        | pAAV-AC-Myc-DDK (PS100089)                                 |

**ORF Nucleotide Sequence:** >MR229255 representing NM\_001081682  
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGCATCGC**

ATGGCAGCCCTGTTCCACACCGCCTGGTCCAGATTTGCTCCGAGGCACACAGTCGGCTGTGAACA  
CGCTCCATTTCTGCCCACCATCCAAGCTGCAGGGAACCACTTCTTCTCAGGGTCTCAGAATGGCCT  
AGTACATATCTGGAGCCTACAAACAAGAAGATAGTTACCACTCTAAATGGCCATGGGGGCCAGGGTGTA  
ATCTGGCTGAAGACACTGCCACAGGACACCACTCCTCAGCCAGGGTCGAGACCTGCGGCTGTGCCTGT  
GGGACCTGGAGGAGGCAGGAACCATCATGGACTCAGTTCAGCTGGACAGTGTGGCTTCTGCAGGGG  
CTCCATCCTGGTCAGGGGACAGCAGTGTGGATGCTTGCTGTGCCAGGGAAGGCAGCGACGAGGTTAG  
ATTCTGGAGATGCCATCCAAGACGTCACTGTGCACCCCTGAAGCCGAGGCGCATGCCAGGCCAGGCATGC  
CCATGTGCCTGGGGCTGTGGCAGACTAACTCCAGTCTCCGCCCCCTCCTTCTGGCTGGCTATGAGGATGG  
ATCAGTAACCCTGTGGGACATCTCAGAGCGGAAGGTGTGCAGCCAAATCACCTGCCATGAAGAGCCTGTC  
ATGGGCCTCGACTTCGACTCTCAGAAGGCCAAGGCATCTCTGGCTCTGCTGGGAAGGTACTGGCTGTCT  
GGAGTCTGGACGATCAGCAGTCCCTGCAGGTGAAGAAGACTCATGAACCTACCAATCCTGGAATTGCCGA  
AGTCACCATCCGGCCAGACCACAAGATCTTAGCCACAGCAGGCTGGGACCATCGCATCCGTGTGTTTCAC  
TGGAGGACAATGAAACCGTTAGCTGTTCTGGCTTTCCACAGCGCTCCTGTGTACTGCGTGGCCTTTGCTG  
CTGATGGCTTGCTTGCTGCGGGGTCCAAGGACAGCGTATCAGCATCTGGTCACTCTACCCCTGCCCA

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA



|                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|--------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Protein Sequence:</b> | <p>&gt;MR229255 representing NM_001081682</p> <p>Red=Cloning site Green=Tags(s)</p> <p>MAALFPPPPGPRFVLRGTQSAVNTLHFCPPSQAAGNPLLFSGSQNGLVHIWSLQTRRIVTTLNHGQGQGV<br/> IWLKTL PQGHQLLSQGRDLRLCLWDLEEGRNTIMDSVQLDSVGF CRGSILVRGQQCWMLAVPGKGSDEVQ<br/> ILEMPKTSVCTLKPEADARPGMPMCLGLWQTNSLRPLLLAGYEDGSVTLWDISERKVC SQITCHEEPV<br/> MGLDFDSQKAKGISGSAGKVLAVWSLDDQSLQVKKTHELTNPGIAEVTIRPDHKILATAGWDHRIRVFH<br/> WRTMKPLAVLAFHSAPVYCVAF AADGLLAAGSKDQRISIWSLYPCP</p> <p>TRTRPLEQKLI SEEDLAANDILDYKDDDDKV</p> |
| <b>Species:</b>          | Mouse                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Serotype:</b>         | AAV-2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>ACCN:</b>             | NM_001081682                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>ORF Size:</b>         | 978 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_001081682.2</a></u> , <u><a href="#">NP_001075151.1</a></u>                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>RefSeq Size:</b>      | 3625 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>RefSeq ORF:</b>       | 981 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Locus ID:</b>         | 13972                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>UniProt ID:</b>       | <u><a href="#">Q9EQ15</a></u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Cytogenetics:</b>     | 16 11.46 cM                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>MW:</b>               | 35.7 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |