

## Product datasheet for **MR207488A1V**

### Mouse Gtf2a1l (NM\_023630) AAV Particle

#### Product data:

|                           |                                        |
|---------------------------|----------------------------------------|
| Product Type:             | AAV Particles                          |
| Product Name:             | Mouse Gtf2a1l (NM_023630) AAV Particle |
| Tag:                      | Myc-DDK                                |
| Symbol:                   | Gtf2a1l                                |
| Synonyms:                 | 1700011N16Rik; Alf; Gtf2a1lf           |
| Mammalian Cell Selection: | None                                   |
| Vector:                   | pAAV-AC-Myc-DDK (PS100089)             |



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**ORF Nucleotide  
Sequence:**

>MR207488 ORF sequence  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGGCCTTCATCAACCTGGTGCCCAAACCTCTACCAGTCTGTAATTGAAGATGTCATCGAGGGCGTGCGGG  
 ACCTGTTTGCTGAGGAAGGCATCGAGGAGCAGGTGTTGAAAGACCTGAAGAAGCTCTGGGAAACCAAAGT  
 GTTACAATCTAAAGCCACAGAGGACTTCTTCAGAAACAGCACGCAGGTGCCTCTTCTCACTCTCCAGCTG  
 CCTCATGCCTTACCACCAGCCCTGCAGCCCGAAGCATCGCTGCTGATCCAGCTGGTAGAACTCTGCCGA  
 GTTTTACGCCGAAGACCTGAACACCGCAACTGTGGTGCAAACCTTGGCTTTGCTGGCTATCCGATCCA  
 CGTCCCAGCAGGCATGGCCTTCCAGACGGCATCTGGTCACCTTTACAAAGTCAATGTACCAGTCATGGTG  
 ACACAGACTTCTGGGAGAACAGAAATCTCCAGCATCCATTTAGCAAGTCCTTCAGCAGCTCGGCAGC  
 CTTTAGTAATACAGACCACTGTCCAACATTGCACCCATGTTCTCTTCAAGCAGCAACTGAGAAATCCCT  
 CAGAATGGAAGCTGTGCTGCAGCCACCTCCATTCTGCATCCTCTCCAGTGGACAGGACACATGTAGAA  
 AATGCTGCGAGCGACAGGCGCCTTCTCCCGGAAATGAGCTGAGGCCGAGGAAAGCTCTCCATACCTCA  
 GCCTTCCCGGTGTGGGCTTCTCCTCAGGCCGCTCTGACAGAGTCTAGCCTGGAGCCAGTGCTTGGTGT  
 CTCAGCGAGCCTGACTCAGAATCTGCACAGTGACCCCTTCTCACAGGGCCCCCAGGCCCTCTCCACCAC  
 CACTTGCTAGAGTCACAGCTTCAAAGCCTTAAGACAGTATATATGGATGCGACTCCACAAGCAACTGA  
 GAAAAGCAGAGGAGCCAGCAGCCTCCGTGTGTCAGAGAAGAATTGTAATTCAGAGAGGATCTGAATAT  
 TCGGGTAACCGATGATGATATTAATGAAATAATCCAAATAGATGGAACCGGCGATAACTCTTCTACTGAA  
 GAGATGGGAAGTATAAGGGATGCAGATGAGAATGAATTCACAGGGATCATTGATGCCGGCGACCTCAATG  
 TGCTTGAAGAAGTGGACAGCGTATCGAATGAAGATTCAACTGCAATAGCAGCGACAACGAGGACCATCA  
 AATAAATGCCCGCAGAGAGGATCCCTAAATTCGGCGATGATGTCAGTGAGCAGGATGTGCCAGACCTG  
 TTTGATACAGAGAATGTAATTGTCTGTGATGATGATAAGATCCACCGAGCAAGAACAGATGGAATTTCT  
 ACTTGAAGATGGTGTGCTGTGCTTTGGAGGGAGAGACTACGTATTTGCCAAAGCCATTGGTGAAGCTGA  
 GTGG

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:**

>MR207488 protein sequence  
 Red=Cloning site Green=Tags(s)

MAFINLVPKLYQSVIEDVIEGVRLFAEEGIEEQVLKDLKKLWETKVLQSKATEDFFRNSTQVPLLTLQL  
 PHALPPALQPEASLLIPAGRTLPSFTPEDLNTANCGANFAFAGYPIHVPAGMAFQTASGHLKYKNVPMV  
 TQTSGRTEILQHPFQQVLQQLGQPLVIQTTVPTLHPCSLQAATEKSLRMEAVLQPPPILHPPVDRTHVE  
 NAASDRRLPGNELRPQESSPYLSLPGVGFPPQAALTESSLEPVLGVSASLTQNLHSDPFSQGPPLHH  
 HLLESQQLKDSIYGCDSTKQLRKAEPPSSLRVSEKNCTSERDLNIRVTDDINEIIQIDGTGDNSSSTE  
 EMGSIRDADENEFPGIIDAGDLNVLEEVDVSVSNEDSTANSSDNEDHQINAPEDPLNSGDDVSEQVDPDL  
 FDTENVIVCQYDKIHRSKNRWKFYLDKGVCMCFGGRDYVFAKAIGEAEW

**TR**TRPLE**QKL**ISEEDLAANDILDYKDDDDKV

**Species:**

Mouse

**Serotype:**

AAV-2

**ACCN:**

NM\_023630

**ORF Size:**

1404 bp

**Buffer:**

PBS with 0.001% Pluronic F68

|               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|---------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Stability:    | 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. |
| RefSeq:       | <u>NM_023630.1, NP_076119.2</u>                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| RefSeq Size:  | 1619 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| RefSeq ORF:   | 1407 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Locus ID:     | 71828                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| UniProt ID:   | <u>Q8R4I4</u>                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Cytogenetics: | 17 E4                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| MW:           | 51.5 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |