

## Product datasheet for **MR229272A1V**

### Mouse Tail (NM\_001287388) AAV Particle

#### Product data:

**Product Type:** AAV Particles  
**Tag:** Myc-DDK  
**Symbol:** Tall  
**Synonyms:** bHLHa17; Hpt; Scl; SCL/tal-1; tal-1  
**Mammalian Cell** None  
**Selection:**  
**Vector:** pAAV-AC-Myc-DDK (PS100089)  
**ORF Nucleotide Sequence:** >MR229272 representing NM\_001287388  
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGCATCGC**

ATGACGGAGCGGCCGCCGAGCGAGGCGGCACGCAGTGACCCGCACTAGAGGGACAGGACGCGGCCGAGG  
CCCGCATGGCCCCCGCACCTAGTCTGCTCAACGGCGTCGCCAAGGAGACGAGCCGCGCAGCCCCGGC  
TGAGCCCCCGTCATCGAGCTAGGAGCGCGCAGCGGCCGCGGGGGCGGCCCTGCCAGTGGGGCGGTGCC  
GCGAGGGACTTAAAGGGCGCGACGCAGTAGCAGCCGAAGCTCGCCTTCGGGTGCCACACCGAGCTGT  
GCAGACCTCCCGGACCCGCCCGCGCCGCCCGCCCTCGGCTCCTGCAGAGCTGCCTGGAGACGGCCG  
CATGGTGCAGCTGAGCCCGCCGCTGGCAGCCCTGCCGCCCCGCGCGAGCGTGCTCTATAGCCTT  
AGCCAGCCGCTCGCCTCACTAGGCAGTGGGTTCTTTGGGAACCGATGCCTTCCCATGTTACCAACA  
ACAACCGGGTGAAGAGGAGGCCCTCCCATATGAGATGGAGATTTCTGATGGTCTCACACCAAAGTAGT  
GCGGCGCATCTTCACCAACAGCCGGAACGATGGCGGCAGCAGAATGTGAATGGGCGATTTGCTGAGCTC  
AGAAAGCTGATCCCCACCCACCCACGACAAGAACTAAGCAAGAATGAGATCCTCCGCTTGCCATGA  
AGTACATCAATTTCTGGCCAAGTTACTCAATGACCAGGAGGAGGAAGGCACCCAGCGTGCCAAGCCTGG  
CAAGGACCCCGTGGTGGGAGCTGGTGGGGTGGGCGAGGGGTGGCATCCCCCTGAAGACCTTCTACAG  
GACGTGCTTTCCCAACTCCAGCTGTGGCAGCTCTCTGGATGGGGCAGCCAGCCGGACAGTTACACAG  
AGGAGCCAACACCAAGCACTTCCCGCAGCCTCCATCCTGCCCTGCTGCCTGCCGCTGATGGGGCTGG  
CCCCGG

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTAA



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|--------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Protein Sequence:</b> | <p>&gt;MR229272 representing NM_001287388</p> <p>Red=Cloning site Green=Tags(s)</p> <p>MTERPPSEAAARSDPQLEGQDAAEARMAPPHLVLLNGVAKETSRAAPAEPPVIELGARSGAGGGPASGGGA<br/> ARDLKGRDAVAEEARLRVPTTELCRPPGPAPAPASAPAEPLPGDGRMVQLSPPALAAPAGPGRALLYSL<br/> SQPLASLGSGFFGEPDAFPMFTNNNRVKRRPSPYEMEISDGPHTKVVRRIFTNSRERWRQQNVNGAF AEL<br/> RKLIPTHPPDKKLSKNEILRLAMKYINFLAKLLNDQEEEGTQRAKPGKDPVVGAGGGGAGGGIPPEDLLQ<br/> DVLSPNSSCGSSLDGAASPDSTEEPTPKHTSRSLHPALLPAADGAGPR</p> <p>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</p> |
| <b>Species:</b>          | Mouse                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Serotype:</b>         | AAV-2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>ACCN:</b>             | NM_001287388                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>ORF Size:</b>         | 987 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_001287388.1</a> , <a href="#">NP_001274317.1</a>                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>RefSeq Size:</b>      | 4254 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>RefSeq ORF:</b>       | 990 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Locus ID:</b>         | 21349                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>UniProt ID:</b>       | <a href="#">P22091</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Cytogenetics:</b>     | 4 52.73 cM                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>MW:</b>               | 34.3 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |