

## Product datasheet for **RC205393A1V**

### Human TRAM1L1 (NM\_152402) AAV Particle

#### Product data:

|                           |                                                                             |
|---------------------------|-----------------------------------------------------------------------------|
| Product Type:             | AAV Particles                                                               |
| Product Name:             | Human TRAM1L1 (NM_152402) AAV Particle                                      |
| Tag:                      | Myc-DDK                                                                     |
| Symbol:                   | TRAM1L1                                                                     |
| Mammalian Cell Selection: | None                                                                        |
| Vector:                   | pAAV-AC-Myc-DDK (PS100089)                                                  |
| ORF Nucleotide Sequence:  | >RC205393 representing NM_152402<br>Red=Cloning site Blue=ORF Green=Tags(s) |

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**GCGATCGCC**

ATGGGGCTCCGTAAGAAGAGCACCAAGAACCCCCCGTTCTCAGCCAGGAATTCATCCTGCAGAATCATG  
CGGACATCGTCTCCTGCGTGGGGATGTTCTTCTGCTGGGGCTTGTTTCGAGGGAACAGCAGAAGCATC  
CATCGTGTCTTCTACTCTTCAGCACAGTGTGCTGTCCCTGCAGCAGAGGAACAAGCCACGGCTCAAAG  
TCCCTCTATTATTATGGTGTCAAAGATTGGCCACGGTTTTCTTCTACATGCTGGTGGCAATCATTATTC  
ATGCCACAATTCAGGAATATGTGTTGGATAAAATTAACAAGAGAATGCAGTTCACCAAAGCGAAACAAAA  
CAAGTTTAACGAGTCTGGTCAGTTTAGTGTGTTCTACTTTTTTCTTGTATTTGGGGCACATTCATTTTA  
ATCTCTGAAAACCTGCCTGTCAGACCCAACCTTATATGAAGGCTCGTCCCATAGCATGATGACATTTTC  
AAATGAAGTTTTCTACATATCCAGTTGGCTTACTGGTTTCATGCTTTTCTGAACTCTACTTCCAGAA  
AACCAAAAAACAAGACATCCCTCGTCAACTTGCTACATTGGTCTTCACCTCTCCACATTACTGGAGCT  
TATCTCTGTACTTGAATCATTGGGACTTCTTCTTTGGTACTGCATTATTTTGTGAATTACTTTCCC  
ACATGTGCGGCCTGTTTTACTTTAGTGATGAAAAGTACCAGAAAGGCATATCTCTGTGGGCCATTGTGTT  
TATCTTGGGTAGACTTGTGACTTTAATTGTTTCCGTAAGTACTGCTGTTGGGTTTACCTGGCTGGATCGCAG  
AATCGGAATCCTGATGCCCTTACTGGAATGTAATGTGTTGGCAGCTAAAATTGCTGTTCTGTCTGCTCCA  
GTTGCAGATCCAAGCCTACGTAAACATGGAACCTAATTACTCTGCTTCAGAGGTGGGTAGAAGATTCT  
TAATATTCAGGCCTCATGTATGAAAAAGAAACGGTCGAGATCTTCTAAAAAAGAACAGAAAACGGAGTG  
GGAGTGGAACCTCAAATAGAGTAGACTGTCCGCCAAAGAGGAAGAGAAATCTTCA

**ACGCGT**ACGCGGCGGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA



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|--------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Protein Sequence:</b> | <p>&gt;RC205393 representing NM_152402</p> <p>Red=Cloning site Green=Tags(s)</p> <p>MGLRKKSTKNPPVLSQEFILQNHADIVSCVGMFFLLGLVFEGTAEASIVFLTLQHSVAVPAEEQATGSK<br/> SLYYYGVKDLATVFFYMLVAIIHATIQEYVLDKINKRMQFTKAKQNKFNESGQFSVFYFFSCIWGTFIL<br/> ISENCLSDPTLIWKARPHSMMTFQMKFFYISQLAYWFHAFPELYFQKTKKQDIPRQLVYIGLHLFHITGA<br/> YLLYLNHLGLLLVLHYFVELLSHMCGLFYFSDEKYQKGISLWAIVFILGRLVTLIVSVLTVGFHLAGSQ<br/> NRNPDALTGNVNVLAAKIAVLSSSCTIQAYVTWNLITLWLQRWVEDSNIQASCMKKRSRSSKKRTENG<br/> GVETSNRVDCPPKRKEKSS</p> <p>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</p> |
| <b>Species:</b>          | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>Serotype:</b>         | AAV-2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>ACCN:</b>             | NM_152402                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>ORF Size:</b>         | 1107 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>NM_152402.2</u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>RefSeq Size:</b>      | 2037 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>RefSeq ORF:</b>       | 1110 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Locus ID:</b>         | 133022                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>UniProt ID:</b>       | <u>Q8N609</u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Cytogenetics:</b>     | 4q26                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>MW:</b>               | 42.2 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |