

## Product datasheet for **RC221181A1V**

### Human HTF9C (TRMT2A) (NM\_022727) AAV Particle

#### Product data:

|                           |                                               |
|---------------------------|-----------------------------------------------|
| Product Type:             | AAV Particles                                 |
| Product Name:             | Human HTF9C (TRMT2A) (NM_022727) AAV Particle |
| Tag:                      | Myc-DDK                                       |
| Symbol:                   | TRMT2A                                        |
| Synonyms:                 | HTF9C                                         |
| Mammalian Cell Selection: | None                                          |
| Vector:                   | pAAV-AC-Myc-DDK (PS100089)                    |



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## ORF Nucleotide Sequence:

>RC221181 ORF sequence  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCCCGCATCGCC

ATGAGTGAGAACCTCGACAACGAGGGCCCAAGCCCATGGAGAGCTGTGGCCAGGAGAGCAGCAGTGCCC  
 TGAGCTGCCCTACCGTCTCGGTGCCCTGCAGCCCCGCGAGCCCTGGAGGAGGTGGAGAAAGAGGGCGC  
 TGGGGCGGCTACAGGGCCGGGGCTCAGCCCGGGCTCTACAGCTACATCAGGGATGACTTGTCTTACCTCT  
 GAGATCTTTAACTGGAGCTGCAGAACGTGCCTCGCCACGCCAGCTTCAGCGACGTCCGGCGCTTCTCTGG  
 GCCGTTTGGTCTGCAGCCCCACAAACCAAACTCTTTGGCAACCACCCTGCGCTTTGTGACATTCCG  
 CAGCGCTGCAGAGAGGGACAAGGCCCTGCGGTTTTGCATGGTGCCCTCTGGAAGGCCGCCCACTCAGT  
 GTGCGCTGGCCCGGCCAAGGCCGACCCCATGGCCAGGAGGAGGCGACAGGAGGTGAGAGTGAGCCAC  
 CAGTAACACGAGTGGCCGACGTGGTGACCCCTCTATGGACAGTGCCCTATGCTGAGCAGCTTGAGCGGAA  
 GCAGCTGGAGTGCAGCAGGTGCTGCAGAACTTGCCAAGGAAATCGGGAGCACCAACCGTGCTTGTCTG  
 CCCTGGCTGCTCGAGCAGAGGCACAAGCACAACAAGGCCTGCTGCCCGCTGGAGGGGGTTCAGGCCATCAC  
 CCCAGCAGACTGAGTATCGTAATAAGTGTGAGTTTCTGGTTGGCGTCGGGGTGGATGGGGAGGATAACAC  
 CGTGGGCTGTGGCTCGGCAAGTACAAGGGCGGGACGTGTGCTGTGGCAGCCCCGTTTGACACCGTGCAC  
 ATCCCCGAAGCCACCAAGCAGGTGGTGAAGGCCTTCAGGAGTTCATCCGGTCCACTCCATACTCGGCAT  
 ACGACCCAGAGACGTACACAGGCCACTGGAAGCAGCTGACTGTGCGCACCAGCCGCCGCCACAGGCCAT  
 GGCCATTGCCTACTTCCACCCCAAGAAGCTGAGCCCTGAGGAGCTGGCAGAGCTGAAGACCTCCCTAGCG  
 CAGCACTTCACAGCAGGGCCAGGCAGGGCCAGTGAGTGCCTCTACTTCTGTTGGAGGAGGGACAGC  
 GAAAGACTCCTAGCCAGGAGGGCTGCCCTGGAGCATGTGGCTGGGGACCGGTGCATCCACGAGGACCT  
 GCTAGGGCTGACCTTCCGGATCTCTCCACACGCCTTCTTCCAGGTGAACACACCCGACGCCGAGGTGCTC  
 TACACAGTCATCCAGGACTGGGCCCAATTGGATGCGGGGAGCATGGTGTGACGTGTGCTGTGGCACC  
 GCACCATTTGGCTGGCCCTGGCCCGGAAGGTAAGAGGGTCATTGGGGTCGAGCTATGCCAGAGGCTGT  
 GGAGGACGCCCCGGTGAACGCCAGGACAATGAGTTGAGTAATGTGGAGTTCCACTGCGGGAGGGCCGAG  
 GACCTGGTGCCCAACCTGGTGAGCAGACTGGCTCCCAGCACCTCGTGGCCATCCTGGACCCACCCCGTG  
 CTGGCTTGCAATCCAAGGTGATCCTGGCCATCCGGAGAGCTAAGAACCTCAGGCGGCTGCTGTACGTCTC  
 ATGCAACCCCGGGCAGCCATGGGCACTTTGTGGACCTCTGCAGAGCCCATCTAACCGGTGAAGGGC  
 ATTCCTTCCGGCCGGTCAAGGCTGTGGCAGTGGACCTGTTCCCGCAGACCCCGCACTGTGAGATGCTCA  
 TCCTGTTTGAGAGGGTGGAGCACCCCAATGGCAGAGGGTCTTGGGGCCCCACAGCCCTCCAGCTCAACC  
 CACACCAGGACCCCAAGATAACACCCTACAAGAACTGGGACCTTCCCCTCATCC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

## Protein Sequence:

>RC221181 protein sequence  
 Red=Cloning site Green=Tags(s)

MSENLDNEGPKPMESCGQESSALSCTVSVPPAAPAALEEVEKEGAGAATGPGPQGLYSYIRDDLFTS  
 EIFKLELQNVPRHASFSDVRRFLGRFGLQPHKTKLFGQPPCAFVTFRSAERDKALRVLHGALWKGRPLS  
 VRLARPKADPMARRRRQEGESEPPVTRVADVVTPLWTPYAEQLERKQLECEQVLQKLAKEIGSTNRALL  
 PWLLEQRHKNKACCPLEGVRPSPQTEYRNKCEFLVGVGVDGEDNTVGCRLLGKYKGGTCAVAAPFDTVH  
 IPEATKQVVKAFQEFIRSTPYSAYDPETYTGHWKQLTVRTSRRHQAMAIAYFHPQKLSPEELAEKLTSLA  
 QHFTAGPGRASGVTCLYFVEEGQRKTPSQEGLPLEHVAGDRCIHEDLLGLTFRISPHAFFQVNTPAAEVL  
 YTVIQDWAQLDAGSMVLDVCCGTGTIGLALARKVKRVIGVELCPEAVEDARVNAQDNELSNVEFHCGRAE  
 DLVPTLVSRLASQHLVAILDPPRAGLHKSIVLAIRRAKNLRLLYVSCNPRAAMGNFVDLCRAPSNRVKG  
 IFFRPVKAVAVDLFPQTPHCEMLILFERVEHPNGTGVLGPHSPPAQPTPGPPDNTLQETGTFFSS

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

## Species:

Human

|                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|----------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Serotype:</b>     | AAV-2                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>ACCN:</b>         | NM_022727                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>ORF Size:</b>     | 1875 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>Buffer:</b>       | PBS with 0.001% Pluronic F8296                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <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_022727.4</a></u>                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>RefSeq Size:</b>  | 2981 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>RefSeq ORF:</b>   | 1878 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>Locus ID:</b>     | 27037                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>UniProt ID:</b>   | <u><a href="#">Q8IZ69</a></u>                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Cytogenetics:</b> | 22q11.21                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>MW:</b>           | 68.7 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |