

Product datasheet for **RC218872A1V**

Human GGT5 (NM_001099782) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human GGT5 (NM_001099782) AAV Particle
Tag:	Myc-DDK
Symbol:	GGT5
Synonyms:	GGL; GGT-REL; GGT 5; GGTLA1
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC218872 representing NM_001099782
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCCCGGGGCTACGGGGCCACGGTCAGCCTAGTCTGCTGGGTCTGGGGCTGGCGCTGGCTGTCAATTG
 TGCTGGCTGTGGTCTCTCTCGACACCAGGCCCATGTGGCCCCAGGCCTTTGCCACGCTGCTGTTGC
 CGCCGACTCCAAGGTCTGCTCGGATATTGGACGAGCCATCCTCCAGCAGCAGGGCTCACCCGTGGATGCC
 ACCATCGCGGCTCTGGTCTGCACCAGCGTCGTCAACCCTCAGAGCATGGGCTGGGCGGAGGGGTGATCT
 TCACCATCTACAATGTGACAACAGGGGCCAGTGGATCGGGGTGCCCGGGGAGCTCCGTGGCTATGCCGA
 GGCCACCGCCGCCATGGCCGCCTGCCCTGGGCGCAGCTGTTCCAGCCCACCATCGCGTCTCCGAGGG
 GGGCATGTGGTGGCCCTGTCTCAGCCGTTTCTGCACAACAGCATCCTGCGCCCTTCTTGCAGGCGT
 CAACCTCGCGCCAGCTCTTCTCAACGGGACAGAACCCTGAGGCCTCAGGACCCACTCCATGGCTGC
 ACTGGCCACCACCTGGAGACCTGGCCACAGAGGGCGTGGAGGTCTTCTACCGGGGAGCTGGCCAG
 ATGCTGTTGGAGGACATTGCCAAGGAAGGGAGCCAGCTGACGCTGCAGGACCTGGCCAAGTTCAGCCCCG
 AGGTGGTGGATGCCCTGGAGGTGCCCTGGGGGACTATACCCTGTACTACCACCGCCGCTGCAGGGGG
 TGCCATTCTCAGCTTTATCCTCAACGTGCTAAGAGGGTTCAACTTCTCAACAGAGTCTATGGCCAGGCT
 GAAGGGAGGGTGAACGTGTACCACCACCTGTAGAGACGCTCAAGTTTGCCAAGGGGAGAGGTGGAGGC
 TGGGGGACCCTCGAAGCCACCCGAAGCTCCAGAATGCCTCCCGGGACCTGCTGGGGGAGACCCTGGCCCA
 GCTCATCCGCCAACAGATCGATGGCCGGGGGGACCACCAGCTCAGCCACTACAGCTTGGCCGAGGCTGG
 GGCCACGGGACAGGCACGTCCCATGTGTCTGTGCTGGGGGAGGATGGCAGCGCCGTGGCTGCCACCAGCA
 CCATCAACACACCCCTTTGGAGCGATGGTGTATTACCACGGACAGGCATCATCCTCAACAACGAGCTCCT
 GGACTTATGCGAGCGATGCCCCCGGGGTTCCGGCACCAACCCCTCACCTGTGAGTGGAGACAGGGTGGGT
 GGAGCTCCCGGAAGGTGCTGGCCCCAGTTCAGGCGAGCGTTCCTCCATCCTCCATGGTGCCTCCATCT
 TGATCAACAAAGCCAGGGGTGGAAGCTAGTGATTGGCGGGGCTGGCGGGGAGCTCATCATCTCTGCTGT
 GGCCAGGCCATCATGAGCAAGCTGTGGCTTGGCTTTGACCTGAGAGCGGCCATTGCAGCCCCCATCCTG
 CATGTCAACAGCAAGGGCTGTGTGGAGTACGAGCCCACTTACGCCAGGAGGTGCAGAGGGGACTCCAAG
 ACCGTGGCCAGAACCAGACCCAGAGGCCCTTCTCCTGAACGTGGTCCAGGCTGTGTCCAGGAGGGGGC
 CTGTGTGTACGCCGCTCTCGACCTGAGGAAGAGTGGGGAGGCCGAGGCTAC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

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MARGYGATVSLVLLGLGLALAVIVLAVVLSRHQAPCGPQAFHAHAVAADSKVCSDIGRAILQQQSPVDA
 TIAALVCTSVVNPQSMGLGGGVIFTIYNVTTGAQWIGVPGELRGYAEHRRHRGLPWAQLFQPTIALLRG
 GHVVAPVLSRFLHNSILRPSLQASTLRQLFFNGTEPLRPQDPLPWPALATTLETVATEGVEVFTGRLGQ
 MLVEDIAKEGSQLTLQDLAKFQPEVVDALVPLGDYTLYSPPPAGGAILSFILNVLRGFNFSTESMARP
 EGRVNVYHHLVETLKFAGQWRWLDGPRSHPKLQNASRDLLGETLAQLIRQQIDGRGDHQLSHYSLAEAW
 GHGTGTSHSVVLGEDGSAVAATSTINTPFAMVYSPRTGIILNELLDLERCPRGSGTTPSPVSGDRVG
 GAPGRCWPPVPGERSPSSMVPSILINKAQGSKLVIGGAGGELIISAVAQAIMSKLWLGFDLRAAIAAPIL
 HVNSKGCVEYEPNFSQEVQRGLQDRGQNTQRPFFLNVVQAVSQEGACVYAVSDLRKSGEAAAGY

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:

NM_001099782

ORF Size:	1662 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_001099782.1</u> , <u>NP_001093252.1</u>
RefSeq Size:	2401 bp
RefSeq ORF:	1665 bp
Locus ID:	2687
UniProt ID:	<u>P36269</u>
Cytogenetics:	22q11.23
MW:	58.8 kDa