

Product datasheet for **RC213439A1V**

Human UGT (UGT1A1) (NM_000463) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human UGT (UGT1A1) (NM_000463) AAV Particle
Tag:	Myc-DDK
Symbol:	UGT
Synonyms:	BILIQTL1; GNT1; HUG-BR1; UDPGT; UDPGT 1-1; UGT1; UGT1A
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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**ORF Nucleotide
Sequence:**

>RC213439 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCTGTGGAGTCCCAGGGCGGACGCCCACTTGTCTGGGCCTGCTGCTGTGTGTGCTGGGCCAGTGG
 TGTCCCATGCTGGGAAGATACTTTGATCCCACTGGATGGCAGCCACTGGCTGAGCATGCTTGGGGCCAT
 CCAGCAGCTGCAGCAGAGGGGACATGAAATAGTTGCTCCTAGCACCTGACGCCTCGTTGTACATCAGAGAC
 GGAGCATTTTACACCTTGAAGACGTACCCTGTGCCATTCCAAAGGGAGGATGTGAAAGAGTCTTTTGTTA
 GTCTCGGGCATAATGTTTTGAGAATGATTCTTCTGCAGCGTGTGATCAAAACATACAAGAAAATAAA
 AAAGGACTCTGCTATGCTTTTGTCTGGCTGTCCCACTTACTGCACAACAAGGAGCTCATGGCTCCCTG
 GCAGAAAGCAGCTTTGATGTCATGCTGACGGACCCTTCTCCTTGCAGCCCCATCGTGGCCAGTACC
 TGTCTCTGCCCACTGTATTCTTCTGCATGCACTGCCATGCAGCCTGGAATTTGAGGCTACCCAGTGCCC
 CAACCCATTCTCTACGTGCCAGGCCCTCTCTCTCTCATTGAGATCACATGACCTTCTGCAGCGGGTG
 AAGAACATGCTCATTGCCTTTTACAGAACTTTCTGTGCGACGTGGTTTATCCCGTATGCAACCTTG
 CCTCAGAATTCCTTCAGAGAGAGGTGACTGTCCAGGACCTATTGAGCTCTGCATCTGTCTGGCTGTTAG
 AAGTGACTTTGTGAAGGATTACCTAGGCCCATCATGCCAATATGGTTTTGTTGGTGAATCAACTGC
 CTTACCAAAAATCCACTATCCCAGGAATTTGAAGCCTACATTAATGCTTCTGGAGAATGGAATTTGGG
 TTTTCTCTTTGGGATCAATGGTCTCAGAAATCCAGAGAAGAAAGCTATGGCAATTGCTGATGCTTTGGG
 CAAAATCCCTCAGACAGTCTGTGGCGGTACCTGGAACCCGACCATCGAATCTTGCGAACAACACGATA
 CTTGTTAAGTGCTACCCAAAACGATCTGCTTGGTCAACCGATGACCCGTGCCTTTATACCCATGCTG
 GTTCCCATGGTGTATGAAAGCATATGCAATGGCGTTCCCATGGTGATGATGCCCTTGTGTTGGTGATCA
 GATGGACAATGCAAAGCGCATGGAGACTAAGGGAGCTGGAGTGACCTGAATGTTCTGGAAATGACTTCT
 GAAGATTTAGAAAATGCTCTAAAAGCAGTCATCAATGACAAAAGTTACAAGGAGAACATCATGCGCCTCT
 CCAGCCTTCACAAGGACCGCCCGGTGGAGCCGCTGGACCTGGCCGTGTTCTGGGTGGAGTTTGATGAG
 GCACAAGGGCGCGCCACACCTGCGCCCCGACGCCACGACCTCACCTGGTACCAGTACCATTCTTGGAC
 GTGATTGGTTTCTCTTGGCCGTGCTGCTGACAGTGGCCTTCATCACCTTTAAATGTTGTGCTTATGGCT
 ACCGGAATGCTTGGGAAAAAAGGGCGAGTTAAGAAAGCCCAAAATCCAAGACCCAT

ACGCGTACGCGGCGGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC213439 protein sequence
 Red=Cloning site Green=Tags(s)

MAVESQGGRPVLGLLLCVLGPVVSHAGKILLIPVDGSHWLSMLGAIQQLQQRGHEIVVLAPDASLYIRD
 GAFYTLKTYPPVFQREDVKESFVSLGHNVFENDSFLQRIKTYKKIKKDSAMLLSGCSHLLHNKELMASL
 AESSFDVMLTDPFLPCSPIVAQYLSLPTVFFLHALPCSLEFEATQCPNPF SYVPRPLSSHSDHMTFLQRV
 KNMLIAFSQNFCDVVYSPYATLASEFLQRETVQDLLSSASVWLFSDVFVKDYPRPIMPNMVFVGGINC
 LHQNPLSQEFAYINASGEHGI VVFSLSGSMVSEIPEKKAMAIADALGKIPQTVLWRYTGTGRPSNLANNIT
 LVKWL PQNDLLGHPMTRAFITHAGSHGVYESICNGVPMVMPLFGDQMDNAKRMETKGAGVTNLNLEMTS
 EDLENALKAVINDKSYKENIMRLSSLHKDRPVEPLDLAVFWVEFVMRHKGAPHLRPAAHDLTWYQYHSLD
 VIGFLLAVVLTVAFITFKCCAYGYRKCLGKKGRVKKAHKSKTH

TRTRPLE**QKL**ISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:

NM_000463

ORF Size:

1599 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_000463.2</u>
RefSeq Size:	2357 bp
RefSeq ORF:	1602 bp
Locus ID:	54658
UniProt ID:	<u>P22309</u>
Cytogenetics:	2q37.1
MW:	59.6 kDa