

Product datasheet for **RC202144A1V**

Human UGT1A10 (NM_019075) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human UGT1A10 (NM_019075) AAV Particle
Tag:	Myc-DDK
Symbol:	UGT1A10
Synonyms:	GNT1; hUG-BR1; UDPGT; UGT-1A; UGT-1J; UGT1; UGT1-01; UGT1-10; UGT1.1; UGT1.10; UGT1A; UGT1A1; UGT1J
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC202144 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCGCGATCGCC

ATGGCTCGCGCAGGGTGGACCAGCCCCGTTCTTTATGTGTGTGTCTACTGCTGACCTGTGGCTTTGCCG
 AGGCAGGGAAGCTGCTGGTAGTCCCATGGATGGGAGTCACTGGTTACCATGCAGTCGGTGGTGAGAA
 ACTTATCCTCAGGGGGCATGAGGTGGTTGTAGTCATGCCAGAGGTGAGTTGGCAACTGGAAGATCACTG
 AATTGCACAGTGAAGACTTACTCAACCTCGTACACTCTGGAAGATCAGAACCGGGAATTCATGGTTTTCTG
 CCCATGCTCAATGGAAGCACAGGCACAAAGTATATTTTCTCTATTAATGAGTTCATCCAGTGGTTTTCT
 TGACTTATTTTTTTCGATTGCAGGAGTTGTTAATGACCGAAAATTAGTAGAATACTTAAAGGAGAGT
 TCTTTTGATGCAGTGTCTGGATCCTTTGATACCTGTGGCTTAATTGTTGCTAAATATTTCTCCCTCC
 CCTCTGTGGTCTTCACCAGGGGAATATTTGCCACCATCTGAAGAAGGTGCACAGTGCCTGCTCCTCT
 TTCCTATGTCCCAATGATCTCTTAGGGTTCTCAGATGCCATGACTTTCAAGGAGAGAGTATGGAACAC
 ATCGTGCACTTGGAGGACCATTTATTTGCCAGTATCTTTTAGAAATGCCCTAGAAATAGCCTCTGAAA
 TTCTCCAAACCCCTGTCACGGCATATGATCTCTACAGTCACACATCAATTTGGTTGTTGCGAACGGACTT
 TGTTTTGGACTATCCAAACCCGTGATGCCCAACATGATCTTCATTGGTGGTATCAACTGTCATCAGGGA
 AAGCCATTGCCTATGGAATTTGAAGCCTACATTAATGCTTCTGGAGAACATGGAATTGTGGTTTTCTCTT
 TGGGATCAATGGTCTCAGAAATCCAGAGAAGAAAGCTATGGCAATTGCTGATGCTTTGGGCAAAATCCC
 TCAGACAGTCTGTGGCGGTACACTGGAACCCGACCATCGAATCTTGCGAACAACACGATACTTGTTAAG
 TGGCTACCCCAAAACGATCTGCTTGGTCACCCGATGACCCGTGCCTTTATCACCATGCTGGTCCCCTG
 GTGTTTATGAAAGCATATGCAATGGCGTTCCCATGGTGATGATGCCCTGTTTGGTGATCAGATGGACAA
 TGCAAAGCGCATGGAGACTAAGGGAGCTGGAGTGACCCTGAATGTTCTGGAAATGACTTCTGAAGATTTA
 GAAATGCTCTAAAAGCAGTCATCAATGACAAAAGTTACAAGGAGAACATCATGCGCCTCTCCAGCCTTC
 ACAAGGACCGCCCGTGGAGCCGCTGGACCTGGCCGTGTTCTGGGTGGAGTTTGTGATGAGGCACAAGGG
 CGCGCCACACCTGCGCCCGCAGCCACGACCTCACCTGGTACCAGTACCATTCTTGAGCTGATTGGT
 TTCCTCTTGGCCGTGCTGCTGACAGTGGCCTTCATCACCTTTAAATGTTGTGCTTATGGCTACCGGAAAT
 GCTTGGGGAAAAAAGGCGAGTTAAGAAAGCCCAAAATCCAAGACCCAT

ACGCGTACGCGGCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC202144 protein sequence
 Red=Cloning site Green=Tags(s)

MARAGWTSVPVLCVCLLLTCGFAEAGKLLVVPMDGSHWFTMQSVVEKLILRGHEVVVMPEVSWQLERSL
 NCTVKTYSTSYTLEDQNREFMVFHAHQWKAQAQSIIFSLMSSSSGFLDLFFSHCRSLFNDRKLVYELKES
 SFDAVFLDPFDTCGLIVAKYFSLPSVVFTRGIFCHHLEEGAQCPAPLSYVPNDLLGFSAMTFKERVVNH
 IVHLEDHLFCQYLFNALEIASEILQTPVTAYDLYSHTSIWLLRTDFVLDYKPKVPMNMIFIGGINCHQG
 KPLPMEFEAYINASGEHGIIVFSLGSMVSEIPEKKAMAIADALGKIPQTVLWRYTGTRPSNLNNTILVK
 WLPQNDLLGHPMTRAFITHAGSHGVYESICNGVPMVMPLFGDQMDNAKRMETKGAGVTLVNLEMTSEDL
 ENALKAVINDKSYKENIMRLSSLHKDRPVEPLDLAVFWVEFVMRHKGAPHLRPAADHLTWYQYHSLDVIG
 FLLAVVLTVAFITFKCCAYGYRKCLGKKGRVKKAHKSKTH

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:

NM_019075

ORF Size:	1590 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_019075.2, NP_061948.1</u>
RefSeq Size:	2399 bp
RefSeq ORF:	1593 bp
Locus ID:	54575
UniProt ID:	<u>Q9HAW8</u>
Cytogenetics:	2q37.1
MW:	59.8 kDa