

Product datasheet for **RC205752A1V**

Human UGT1A6 (NM_205862) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human UGT1A6 (NM_205862) AAV Particle
Tag:	Myc-DDK
Symbol:	UGT1A6
Synonyms:	GNT1; HLUGP; HLUGP1; hUG-BR1; UDPGT; UDPGT 1-6; UGT-1A; UGT-1C; UGT-1E; UGT-1F; UGT1; UGT1-01; UGT1-03; UGT1-05; UGT1-06; UGT1.1; UGT1.3; UGT1.5; UGT1.6; UGT1A; UGT1A1; UGT1A3; UGT1A5; UGT1A6S; UGT1C; UGT1E; UGT1F
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC205752 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCCGCATCGCC

ATGGCCTGCCTCCTTCGCTCATTTCAGAGAATTTCTGCAGGGGTTTTCTTCTTAGCACTTTGGGCGATGG
 TTGTAGGTGACAAGCTGCTGGTGGTCCCTCAGGACGGAAGCCACTGGCTTAGTATGAAGGATATAGTTGA
 GGTTCTCAGTGACCGGGGTGATGAGATTGTAGTGGTGGTGCCTGAAGTTAATTTGCTTTTGAAAGAATCC
 AAATACTACACAAGAAAAATCTATCCAGTGCCGTATGACCAAGAAGAGCTGAAGAACCGTTACCAATCAT
 TTGGAACAATCACTTTGCTGAGCGATATTCTAACTGCTCCTCAGACAGAGTACAGGAATAACATGAT
 TGTTATTGGCCTGTACTTCATCAACTGCCAGAGCCTCCTGCAGGACAGGGACACCCTGAACCTCTTTAAG
 GAGAGCAAGTTTGATGCTCTTTTCACAGACCCAGCCTTACCCTGTGGGGTGATCCTGGCTGAGTATTGG
 GCCTACCATCTGTGTACCTCTTCAGGGGTTTTCCGTGTTCCCTGGAGCATACATTCAGCAGAAGCCGAGA
 CCCTGTGTCCTACATTCAGAGTGCTACACAAAGTTTTAGACCACATGACTTTTCCCAACGAGTGGCC
 AACTTCCTTGTTAATTTGTTGGAGCCCTATCTATTTTATTGCTGTTTTCAAAGTATGAAGAATCGCAT
 CAGCTGTCTCAAGAGAGATGTGGATATAATCACCTTATATCAGAAGGTCTCTGTTTGGCTGTTAAGATA
 TGACTTTGTGCTTGAATATCCTAGGCCGGTTCATGCCAACATGGTCTTATTGGAGGTATCAACTGTAAG
 AAGAGGAAAGACTTGTCTCAGGAATTTGAAGCTACATTAATGCTTCTGGAGAACATGGAATTGTGGTTT
 TCTCTTTGGGATCAATGGTCTCAGAAATTCAGAGAAGAAAGCTATGGCAACTGCTGATGCTTTGGGCAA
 AATCCCTCAGACAGTCTGTGGCGGTACACTGGAACCCGACCATCGAATCTTGCAGAACACGATACTT
 GTTAAGTGGCTACCCAAAACGATCTGCTTGGTCACCCGATGACCCGTGCCTTTATCACCCTGCTGGTT
 CCCATGGTGTATGAAAGCATATGCAATGGCGTTCCCATGGTGATGATGCCCTGTTTGGTGATCAGAT
 GGACAATGCAAGCGCATGGAGACTAAGGGAGCTGGAGTGACCTGAATGTTCTGGAAATGACTTCTGAA
 GATTTAGAAAATGCTCTAAAAGCAGTCAATGACAAAAGTTACAAGGAGAATCATGCGCCTCTCCA
 GCCTTCACAAGGACCGCCCGGTGGAGCCGCTGGACCTGGCCGTGTTCTGGGTGGAGTTTGTGATAGGCA
 CAAGGGCGCGCCACACCTGCGCCCCGACGCCACGACCTCACCTGGTACCAGTACCATTCTTGACGTG
 ATTGGTTTCTCTTGCCGTCGTGCTGACAGTGGCCTTATCACCTTTAAATGTTGTGCTTATGGCTACC
 GGAAATGCTTGGGGAAAAAGGGCGAGTTAAGAAAGCCACAAATCCAAGACCCAT

ACGCGTACGCGGCGGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC205752 protein sequence
 Red=Cloning site Green=Tags(s)

MACLLRSFQRISAGVFFLALWGMVVGDKLLVVPQDGSHWLSMKDIVEVLSDRGHEIVVVVPEVNNLLKES
 KYYTRKIYPVPYDQELKNRYQSFNNHFAERSFLTAPQTEYRNNMIVIGLYFINCQSLQLQDRDLNFFK
 ESKFDALFTDPALPCGVILAEYLGPSVYLFRGFPCSLEHTFSRSPDPVSYIPRCYTKFSDHMTFSQRVA
 NFLVNLLEPYLFYCLFSKYEELASAVLKRVDIITLYQKVSVWLLRYDFVLEYPRPVMNMVFIGGINCK
 KRKDLSEFEAYINASGEHGIVVFLSGSMVSEIPEKKAMATADALGKIPQTVLWRYTGTRPSNLANNITIL
 VKWLPQNDLLGHPMTRAFITHAGSHGVYESICNGVPMVMPLFGDQMDNAKRMETKGAGVTLNVLEMTSE
 DLENALKAVINDKSYKENIMRLSSLHKDRPVEPLDLAVFWVEFVMRHKGAPHLRPAHDLTWYQYHSLDV
 IGFLLAIVLTVAFITFKCAYGYRKCLGKKGKRVKKAHKSATH

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:

NM_205862

ORF Size:	1596 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_205862.1</u>
RefSeq Size:	1691 bp
RefSeq ORF:	798 bp
Locus ID:	54578
Cytogenetics:	2q37.1
MW:	60.7 kDa