

Product datasheet for **RC225904A1V**

Human UGT2A2 (NM_001105677) AAV Particle

Product data:

Product Type:	AAV Particles
Tag:	Myc-DDK
Symbol:	UGT2A2
Synonyms:	UDPGT 2A2
Mammalian Cell	None
Selection:	
Vector:	pAAV-AC-Myc-DDK (PS100089)



ORF Nucleotide Sequence: >RC225904 representing NM_001105677
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCGCGATCGCC

ATGCCTAAGAAGTTTGCCAGATGCTGGTTTTTAATTTGACTCTGACTGAAGTTGTTCTAAGTGGGAATG
 TGTTAATTTGGCCTACAGATGGTAGCCATTGGTTAAATATTAAGATTATTCTAGAAGAGTTGATTCAAAG
 AAATCACAATGTGACTGTACTGGCTTCATCAGCAACTCTATTCATCAACTCCAATCCCGATTCTCCTGTG
 AATTTTGAAGTGATACCTGTTTCTACAAGAAGAGCAATATAGATTCTTAATTGAGCATATGATAATGC
 TGTGGATTGACCATAGACCAACTCCTCTCACAATATGGGCTTTCTACAAGAAGTGGGAACTTCTAGA
 CACTTTCTTTCAAATTAACATACAACCTCTGTGATGGTGTACTAAAGAACCCAAAGTTGATGGCAAGACTT
 CAGAAAGTGGTTTTGATGTGTTGGTAGCAGACCCAGTAACAATCTGTGGTGTCTTGTGCTCTGAAAT
 TAGGAATTCATTTATGTACACATTGAGGTTCTCTCCAGCATCAACAGTGGAGAGACACTGTGGGAAAT
 CCCAGCACCAGTCTCCTATGTACCGGCAGCCTTATCAGAGCTCACTGACCAGATGACCTTTGGTGAAAGG
 ATTAATAATACCATATCTTATCTCTGCAAGACTATATATTTTCAGTCTACTGGGGAGAATGGAATTCAT
 ACTATAGCAAAATTTTAGGAAGACCCACTACGTTATGTGAGACTATGGGGAAAGCTGAAATTTGGTTAAT
 CCGAACATATTGGGATTTTGAATTTCTCGTCCATACTTACCTAATTTTGTGTTGTTGGAGGATTGCAC
 TGCAAACTGCCAAACCTTTACCTAAGGAAATGGAAGAATTTATCCAGAGCTCAGGTAATAATGGTGTG
 TGGTGTCTTTCTGCGGATCAATGGTCAAAACCTTACAGAAGAAAGGCCAATCTTATTGCCTCAGCCCT
 TGCCCAGATTCCACAGAAGTTTTATGGAGATACAAAGGAAAGAAACCAGCCACATTAGGAAACAATACT
 CAGCTCTTTGATTGGATACCCAGAATGATCTTCTTGGACATCCCAAAACCAAGCTTTTATCACTCATG
 GTGGAATAATGGGATCTACGAAGCTATTTACCACGGAGTCCCTATGGTGGGAGTTCCCATGTTTGCTGA
 TCAGCCTGATAACATTGCTCAGATGAAGGCCAAAGGAGCAGCTGTGGAAGTGAACCTAAACACAATGACA
 AGTGTGGATTTGCTTAGCGCTTTGAGAACAGTCATTAATGAACCTTCTTATAAAGAGAATGCTATGAGGT
 TATCAAGAATTCACCATGATCAACCTGTAAAGCCCTGGATCGAGCAGTCTTCTGGATCGAGTTTGTGAT
 GCGCCACAAAGGAGCCAAAGCACCTTCGGGTTGCAGCCCATGACCTCACCTGGTTCAGTACCACTCTTTG
 GATGTAATTGGGTTCTTGTGCTGTGTGACACGGCTATATTTTGGTCATACAATGTTGTTTGTGTTT
 CCTGTCAAAATTTGGTAAGATAGGAAAGAAGAAAAAAGAGAA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >RC225904 representing NM_001105677
 Red=Cloning site Green=Tags(s)

MPKKFVQMLVFNLTLTEVVLSGNVLWPTDGSWLNLIKIIIEELIQRNHNVTVLASSATLFINSPDSPV
 NFEVIPVSYKKSNIIDSLIEHMIMLWIDHRPTLTIWAFYKELGKLLDTFFQINIQLCDGVLKNPKLMARL
 QKGGFDVLVADPVTICGDLVALKLGIPTMYTLRFSPASTVERHCGKIPAPVSYVPAALSELTDQMTFGER
 IKNTISYSLQDYIFQSYWGEWNSYYSKILGRPTTLCETMGKAEIWLIRTYWDFEPRPYLPNFEFVGLH
 CKPAKPLPKEMEEFIQSSGKNGVVVSLGSMVKNL TEEKANLIASALAQIPQKVLWRYKGKKPATLGNNT
 QLFDWIPQNDLLGHPKTKAFITHGGTNGIYEAIYHGVPMVGVPMFADQPDNIAHMKAKGAAVEVNLNTMT
 SVDLLSALRTVINEPSYKENAMRLSRIHHDQPVKPLDRAVFWIEFVMRHKGAKHLRVAADLTWQYHSL
 DVIGFLLVCVTTAIFLVIQCCLFSCQKFGKIGKKKKRE

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species: Human

Serotype: AAV-2

ACCN: NM_001105677

ORF Size: 1584 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:	NM_001105677.1 , NP_001099147.1
RefSeq ORF:	1611 bp
Locus ID:	574537
UniProt ID:	Q9Y4X1
Cytogenetics:	4q13.3
MW:	59.6 kDa