

Product datasheet for **RC223408A1V**

Human UGT2B10 (NM_001075) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human UGT2B10 (NM_001075) AAV Particle
Tag:	Myc-DDK
Symbol:	UGT2B10
Synonyms:	UDPGT2B10
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC223408 representing NM_001075
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCTCTGAAATGGACTACAGTTCTGCTGATACAACCTCAGTTTTTACTTTAGCTCTGGGAGTTGTGGAA
 AGGTGCTGGTATGGGCCGAGAATACAGCCTTTGGATGAATATGAAGACAATCCTGAAAGAACTTGTTCA
 GAGAGGTCATGAGGTGACTGTACTGGCATCTTCAGCTTCCATTCTTTTATCCCAACGACTCATCCACT
 CTAAACTTGAAGTTTATCCTACATCTTAACTAAAACGAATTTGAGAATATCATCATGCAATTGGTTA
 AGAGATTGTCAGAAATCAAAAAGATACATTTTGGTTACCTTTTACAGAACAAGAAATCCTGTGGGC
 AATTAATGACATAATTAGAACTTCTGTAAGATGTAGTTTCAAATAAGAACTTATGAAAACTACAA
 GAGTCAAGATTTGACATCGTTTTTGCAGATGCTTATTTACCCTGTGGTGAGCTGCTGGCTGAGCTATTTA
 ACATACCCTTTGTGTACAGTACAGCTTCAGTCTGGCTACTCATTTGAAAGGCACAGTGGAGGATTTAT
 TTTCCCTCCTTCTACGTACCTGTTGTTATGTCAAAATTAAGTGATCAAATGACTTTTCATGGAGAGGGTA
 AAAAAATAGCTCTATGTGCTTTATTTTACTTTTGGTTCCAAATATTTAATATGAAGAAGTGGGATCAGT
 TTTACAGTGAAGTTTATAGGAAGACCCACTACATTATCTGAGACAATGAGGAAAGCTGACATATGGCTTAT
 GCGAAACTCCTGGAATTTTAAATTTCTCATCCATTCTTACCAATGTTGATTTTGTGGAGGACTCCAC
 TGCAAACTGCCAAACCCCTACCTAAGGAAATGGAGGAGTTTGTACAGAGCTCTGGAGAAATGGTGTG
 TGGTGTCTCTGGGGTCAATGGTCAGTAACATGACAGAAGAAAGGGCCAACGTAATTGCAACAGCCCT
 TGCCAAGATCCCAAAAAGGTTCTTTGGAGATTTGATGGGAATAAACCAGATGCCTTAGGTCTCAATACT
 CGACTGTACAAGTGGATACCCAGAATGACCTTCTAGGTATCCAAAAACCAGAGCTTTTATAACTCATG
 GTGGAGCCAATGGCATCTATGAGGCAATCTACCATGGGATCCCTATGGTGGGCATTCCATTGTTTTTTGA
 TCAACCTGATAATATTGCTCACATGAAGGCCAAGGGAGCAGCTGTTAGAGTGGACTTCAACACAATGTGCG
 AGTACAGACCTGCTGAATGCACTGAAGACAGTAATTAATGATCCTTCATATAAAGAGAATATTATGAAAT
 TATCAAGAATTCAACATGATCAACCAGTGAAGCCCTGGATCGAGCAGTCTTCTGGATTGAATTTGTCAT
 GCGCCACAAAGGAGCCAAACATCTTCGAGTTGCAGCCACAACCTCACCTGGTCCAGTACCACTCTTTG
 GATGTGATTGGGTTCTGCTGGCTTGTGTGGCAACCGTCTATTTATCATCACAAAGTGTGTCTGTTTT
 GTTCTGGAAGTTTGTAGAAAAGGAAAGAAGGAAAAAGGGAT

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

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MALKWTTVLLIQLSFYFSSGSCGKVLVWAAEYSLWMNMKILKELVQRGHEVTVLASSASILFDPNDSST
 LKLEVYPTSLTKTEFENIIMQLVKRLSEIQKDTFWLPFSQEQEILWAINDIIRNFCKDVSNKKLMKKLQ
 ESRFDIVFADAYLPCGELLAELFNIPFVYSHSFSPGYSFERHSGGFIFPPSYVPVVMKLSQDMTFMERV
 KNMLYVLYDFWFQIFNMKKWDQFYSEVLGRPTTLSETMRKADIWLMRNSWNFKFPHFPLPNVDFVGGLH
 CKPAKPLPKEMEETFVQSSGENGVVVFSLGSMVSNMTEERANVIATALAKIPQKVLWRFDNKPKDALGLNT
 RLYKWIPQNDLLGHPKTRAFITHGGANGIYEAIYHGIPMVGPIPLFFDQPDNIAHMKAKGAARVDFNTMS
 STDLLNALKTVINDPSYKENIMKLSRIQHDQPVKPLDRAVFWIEFVMRHKGAKHLRVAAHNLTFQYHSL
 DVIGFLLACVATVLFIIITKCCLFCFWKFARKGKKGKRD

TRTRPLE**QKL**ISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:

NM_001075

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:	<u>NM_001075.2</u>
RefSeq Size:	1620 bp
RefSeq ORF:	1587 bp
Locus ID:	7365
UniProt ID:	<u>P36537</u>
Cytogenetics:	4q13.2
MW:	60.6 kDa