

## Product datasheet for **MR208501A1V**

### Mouse Ugt2b38 (NM\_133894) AAV Particle

#### Product data:

Product Type:	AAV Particles
Product Name:	Mouse Ugt2b38 (NM_133894) AAV Particle
Tag:	Myc-DDK
Symbol:	Ugt2b38
Synonyms:	9430041C03Rik; AA986709
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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**ORF Nucleotide Sequence:**

>MR208501 representing NM\_133894  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGCCTGGAAAGTGGATTCTGCTCTGCTGCTGCTGCAGATAAGTTGCTGCTTCAGATCTGTGAAATGTG  
 GGAAAGTGTGGTGTGGCCGATGGAATTCAGTCATTGGATGAACATAAAAAATAACTGGATGAACCTGGT  
 ACAGAGAGGCCATGAAGTCACTGTTCTGAGACCTTCAGCTTACTATGTTCTTGATCCCAAAAAATCACCT  
 GGCCTTAAGTTTGAAACTTTTCCTACATCTGTCAGTAAAGACAATCTGGAAAAATTTTTCATTAAGTTTG  
 TGGATGTGTGGACTTATGAAATGCCAAGGGATACATGTTTGCATATTCTCCTTACTGCAAAATATGAT  
 TGATGAATTTTCTGATTATTTCTAAGTCTTTGTAAGATGTTGTTTCAAACAAAGAGCTCATGACAAAG  
 CTACAGGAATCCAAGTTGATGTGCTTTTGTGAGTCTGTTGCTTCTGTGGGAGCTCATAGCTGAAC  
 TGCTCCAGATTCTTTCTGTACAGTATCCGCTTCTCCTCAGGCTACCAATTGAAAAGTCCAGCGGGAG  
 ATTTCTACTCCCTCCTTATGTACCTGTAATTCTGTCAGGATTAGGTGGACAAATGACATTCATAGAG  
 AGAGTAAAAAATATGATATGCAGGCTTTATTTGACTTTTGGTTCCAGATGTTTAAATGATAAGAAATGGG  
 ACTCATTTTACAGTGAATATTTGGGAAGGCCACCACCTTAGCTGAGACAATGGGCAAGGCAGAAATGTG  
 GCTCATTAGATCCAACCTGGGATTTGGAGTTTCCCTACCCAACCTTACCAATGTTGACTATGTTGGAGGA  
 CTCCACTGCAACCTGCTAAACCTTTGCCTAAGGATA TGGGAAGATTTGTCCAGAGCTCTGGAGACCATG  
 GTGTGGTGGTGTTCCTTGGGTCAATGGTTAGTAACATGACAGAAGAAAAAGCCAACACAATTGCATG  
 GGCCCTTGCCAGATTCCACAAAAGGTTCTTTGGAAATTTGATGGCAAAACCCAGCAACTTTAGGACAC  
 AATACGAGAGTGTACAAGTGGCTCCCCAGAATGACCTCCTTGGTCATCCAAAAACAAAAGCCTTTGTA  
 CTCATGGTGGGCAATGGTGTCTATGAGGTGATCTATCATGGAATCCCTATGATTGGCATTCCCTTTGTT  
 TGGAGAACAACATGATAATATTGCCATATGGTGGCCAAAGGAGCAGCTGTTACATTGAATATCAGAACA  
 ATGTCAAGATCAGATGTACTCAATGCCTGAGGAAAGTATAGACAATCCTTTCTATAAAAAAGATGCTA  
 TATGGTTGTCAACCATTACCACGACCAGCCTACGAAGCCCTGGACAGGGCTGTCTTCTGGGTTGAGTT  
 TGTCATGCGCCACAAAAGGGCTAAGCACCTGAGATCACTTGGACATAACCTTACCTGGCACCAGTACCAC  
 TTTCTAGATGTGATCGGCTTCTACTCTTGTGTTGCAGTCACTATAGTTCTTACTGTAAGTGCCTCT  
 TGTTCAATTACCGATTCTTTGTAAGAAAGAAAAGAAAATTAAGATGAG

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:**

>MR208501 representing NM\_133894  
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MPGKWI SALLLLQISCCFRSVKCGKVLVWPMESHMNIKIILDELVQRGHEVTVLRPSAYYVLDPKKSP  
 GLKFETFP TSVSKDNLENFFIKFVDVWYEMPRD TCLSYSP LLQNMID EFSDFLSLCKDVVSNKELMTK  
 LQESKFDVLLSDPVASCGELIAELLQIPFLYSIRFSPGYQIEKSSGRFLLPPSYVPVILSGLGGQMTFIE  
 RVKNMICRLYDFWQMFNDKKWDSFYSEYLG RPTTLAETMGKAEMWLI RSNWDLEFPHP TLPNV D YVGG  
 LHCKPAKPLPKDMEEFVQSSGDHGVVVFSLGSMVSNMTEEKANTIAWALAQIPQKVLWKF D GKTPATLGH  
 NTRVYKWL PQNDLLGHPKTKAFVTHGGANGVYEVYHGIPIGIPLFGEQHDNIAHMVAKGA AVTLNIRT  
 MSRSDV LNALEEVIDNPFYKKNAIWLSTIHHDP TKPLDRAVWFV FVMRHKRAKHLRSLGHNL TWHQYH  
 FLDVIGFLLSCVAVTIVLTVKCLLFIYRFFVKKEKKIKNE

**TR**TRPLEQKLI SEEDLAANDILDYKDDDDKV

**Species:**

Mouse

**Serotype:**

AAV-2

**ACCN:**

NM\_133894

**ORF Size:**

1590 bp

<b>Buffer:</b>	PBS with 0.001% Pluronic F68
<b>Stability:</b>	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.
<b>RefSeq:</b>	<u><a href="#">NM_133894.2</a></u> , <u><a href="#">NP_598655.1</a></u>
<b>RefSeq Size:</b>	1894 bp
<b>RefSeq ORF:</b>	1593 bp
<b>Locus ID:</b>	100559
<b>Cytogenetics:</b>	5 E1
<b>MW:</b>	60.9 kDa