

Product datasheet for **RC219357A1V**

Human AGXT2 (NM_031900) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human AGXT2 (NM_031900) AAV Particle
Tag:	Myc-DDK
Symbol:	AGXT2
Synonyms:	AGT2; BAIBA; DAIBAT
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC219357 representing NM_031900
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGACTCTAATCTGGAGACATTTGCTGAGACCCTTGTGCCTGGTCACTTCGGCTCCAGGATCCTTGAGA
 TGCATCCTTTCCCTGAGCCTAGGTAATCCCGGACATCAGTAACCAAGCTCAGTCTTCATACAAAGCCAG
 AATGCCTCCATGTGACTTCATGCCTGAAAGATACCAGTCCCTTGCTACAAACCGTGTCTGGAAATCCAC
 AAGGAACATCTTTCTCCTGTGGTGACGGCATATTTCCAGAAACCCTGTCTCCACCAGGGGCACATGG
 AGTGGCTCTTTGATGCTGAAGGAAGCAGATACCTGGATTTCTTTCCGGGATTGTACTGTCACTGTTGG
 CCATTGCCACCCAAAGGTGAATGCAGTGGCACAAGCAGCTCGGCCCTGTGGCATAACAAGCACCGTC
 TTCTCCACCCTCCAATGCATGAATATGCAGAGAAGCTTGCCGCACTTCTCCTGAGCCTCTTAAGGTCA
 TTTTCTGGTGAACAGTGGCTCAGAAGCCAATGAGCTGGCCATGCTGATGGCCAGGGCGCACTCAACAA
 CATAGACATCATTCTTTCCAGAGAGCCTACCATGGATGCAGTCTTACACACTTGGCTTGACAAACGTA
 GGGATCTACAAGATGAACTCCCTGGTGGGACAGGTTGCCAACCAACAATGTGTCCAGATGTTTTTCGTG
 GCCCTTGGGGAGGAAGCCACTGTCGAGATTCTCCAGTGCAAAACAATCAGGAAGTGCAGCTGTGCACCAGA
 CTGCTGCCAAGCTAAAGATCAGTATATTGAGCAATCAAAGATACGCTGAGCACATCTGTGGCCAAGTCA
 ATTGCTGGATTTTTCGAGAACCATTCAAGGTGTGAATGGAGTTGTCCAGTACCCAAAGGGGTTTCTAA
 AGGAAGCCTTTGAGCTGGTGGGAGCAAGGGGAGGCGTGTGCATTGCAGATGAAGTGCAGACAGGATTTGG
 AAGTTGGGCTCTCACTTCTGGGGCTTCCAAACCCACGATGTCTGCCTGACATTGTACCATGGCTAAA
 GGGATTGGGAATGGCTTCCCATGGCAGCAGTCATAACCACTCCAGAGATTGCCAAATCTTTGGCGAAAT
 GCCTGCAGCACTTCAACACCTTTGGAGGGAACCCCATGGCTGTGCCATTGGATCTGCTGTCTGAGGT
 GATTAAGAAGAAAATCTACAGGAAAACAGTCAAGAAGTTGGGACCTACATGTTACTAAAGTTTGCTAAG
 CTGCGGGATGAATTTGAAATTGTTGGAGACGTCCGAGGCAAAGGCCTCATGATAGGCATAGAAATGGTGC
 AGGATAAGATAAGCTGTGCGCCTCTTCCCGTGAAGAAGTAAATCAGATCCATGAGGACTGCAAGCACAT
 GGGACTCCTCGTTGGCAGAGGCAGCATTTTTCTCAGACATTTGCGCCTCAATGTGCATCACT
 AAACCAGAAGTTGATTTGCAGTAGAAGTATTTCTGTTCTGCCTTAACCAACACATGAAAGAAGAGCTA
 AG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

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MTLIWRHLLRPLCLVTSAPRILEMHPFLSLGTSRTSVTKLSLHTKPRMPPCDFMPERYQSLGYNRVLEIH
 KEHLSPVVTAYFQKPLLLHQHMEWLFDAEGSRYLDFFSGIVTVSVGHCHPKVNAVAQKQLGRLWHTSTV
 FFHPPMHEYAEKLAALLPEPLKVIFLVNSGSEANELAMLARAHSNNIDIISFRGAYHGCSPYTLGLTNV
 GIYKMEPLPGGTGCQPTMCPDVFVRGPPWGGSHCRDSPVQTIKRCSCAPDCCQAKDQYIEQFKDGLSTVAKS
 IAGFFAEPIQGVNGVVQYPKGLKEAFELVRARGVCI ADEVQTGFGRGSHFWGFQTHDVLDPDIVTMAK
 GIGNGFPMAAVITTPETIAKSLAKCLQHFNTFGGNPMACAIGSAVLEVIKEENLQENSQEVGTYMLLKFAK
 LRDEFEIVGDVRGKGLMIGIEMVQDKISCRPLPREEVNQIHEDCKHMGLLVGRGSIFSQTFRIAPSMCIT
 KPEVDFAVEVFRSALTQHMERRAK

TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:

NM_031900

ORF Size:

1542 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_031900.1</u>
RefSeq Size:	2165 bp
RefSeq ORF:	1545 bp
Locus ID:	64902
UniProt ID:	<u>Q9BYV1</u>
Cytogenetics:	5p13.2
MW:	52.4 kDa