

Product datasheet for **RC213605A1V**

Human Tryptophanyl tRNA synthetase (WARS) (NM_173701) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human Tryptophanyl tRNA synthetase (WARS) (NM_173701) AAV Particle
Tag:	Myc-DDK
Symbol:	Tryptophanyl tRNA synthetase
Synonyms:	GAMMA-2; HMN9; IFI53; IFP53; WARS
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC213605 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCCGCATCGCC

ATGCCCAACAGTGAGCCCGCATCTCTGCTGGAGCTGTTCAACAGCATCGCCACACAAGGGGAGCTCGTAA
 GGTCCCTCAAAGCGGGAAATGCGTCAAAGGATGAAATTGATTCTGCAGTAAAGATGTTGGTGTCATTAAA
 AATGAGCTACAAAGCTGCCGCGGGGAGGATTACAAGGCTGACTGTCTCCAGGGAACCCAGCACCTACC
 AGTAATCATGGCCAGATGCCACAGAAGCTGAAGAGGATTTTGTGGACCATGGACAGTACAGACAAGCA
 GTGCAAAAGGCATAGACTACGATAAGCTCATTGTTGCGTTTGGAGTAGTAAATTGACAAAGAGCTAAT
 AAACCGAATAGAGAGAGCCACCGGCCAAAGACCACCACTTCTGCGCAGAGGCATCTTCTCTCACAC
 AGAGATATGAATCAGGTTCTTGATGCCTATGAAAATAAGAAGCCATTTTATCTGTACACGGGCCGGGCC
 CCTCTTCTGAAGCAATGCATGTAGGTCACCTCATTCCATTTATTTTACAAAGTGCTCCAGGATGTATT
 TAACGTGCCCTTGGTCATCCAGATGACGGATGACGAGAAGTATCTGTGAAGGACCTGACCTGGACCAG
 GCCTATAGCTATGCTGTGGAGAATGCCAAGGACATCATCGCTGTGGCTTTGACATCAACAAGACTTTCA
 TATTCTGTGACCTGGACTACATGGGATGAGCTCAGGTTTCTACAAAAATGTGGTGAAGATTCAAAGCA
 TGTTACCTTCAACCAAGTGAAAGGCATTTTCGGCTTCACTGACAGCGACTGCATTGGGAAGATCAGTTTT
 CCTGCCATCCAGGCTGCTCCCTCCTTCAGCAACTATTCCACAGATCTTCCGAGACAGGACGGATATCC
 AGTGCCTTATCCCATGTGCCATTGACCAGGATCCTTACTTTAGAATGACAAGGGACGTCGCCCCAGGAT
 CGGCTATCCTAAACAGCCCTGCTGCACTCCACCTTCTCCAGCCCTGCAGGGCGCCAGACCAAAATG
 AGTGCCAGCGACCCCAACTCCTCCATCTTCTCACCAGACCGCCAAGCAGATCAAAACCAAGGTCAATA
 AGCATGCGTTTTCTGGAGGGAGAGACCATCGAGGAGCACAGGCAGTTTGGGGCAACTGTGATGTGA
 CGTGTCTTTTCATGTACCTGACCTTCTTCTCGAGGACGACGACAAGCTCGAGCAGATCAGGAAGGATTAC
 ACCAGCGGAGCCATGCTCACCAGGTGAGCTCAAGAAGGCACTCATAGAGTTCTGCAGCCCTTGATCGCAG
 AGCACCAGGCCCGCGCAAGGAGGTACGGATGAGATAGTAAAGAGTTCATGACTCCCCGAAGCTGTC
 CTTCGACTTTCAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC213605 protein sequence
 Red=Cloning site Green=Tags(s)

MPNSEPASLLELFNSIATQGELVRSLKAGNASKDEIDSAVKMLVSLKMSYKAAAGEDYKADCPPGNPAPT
 SNHGPDATEAEEDFVDPWTVQTSSAKGIDYDKLIVRFGSSKIDKELINRIERATGQRPHHFLRRGIFFSH
 RDMNQVLDAYENKKPFYLYTGRGPSSEAMHVGHLPFIPTKWLQDVFNVPLVIQMTDDEKYLWKDLTLDQ
 AYSYAVENAKDIIACGFDINKTFIFSDLDYMGMSGFYKNVVKIQKHVTFNQVKGIFGFTSDCIGKISF
 PAIQAAPSFNSFPQIFRDRTDIQCILPCAIDQDPYFRMTRDVAPRIGYPKALLHSTFFPALQGAQTKM
 SASDPNSSIFLTDATKQIKTKVNKHAFFSGGRDTIEEHRQFGGNCVDVVSFMYLTFLEDDDKLEQIRKDY
 TSGAMLTGELKKALIEVLQPLIAEHQARRKEVTDEIVKEFMTPRKLSFDFQ

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:

NM_173701

ORF Size:

1413 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_173701.1</u>
RefSeq Size:	2660 bp
RefSeq ORF:	1416 bp
Locus ID:	7453
UniProt ID:	<u>P23381</u>
Cytogenetics:	14q32.2
MW:	53.2 kDa