

Product datasheet for **RC218264A1V**

Human USP14 (NM_001037334) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human USP14 (NM_001037334) AAV Particle
Tag:	Myc-DDK
Symbol:	USP14
Synonyms:	TGT
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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**ORF Nucleotide
Sequence:**

>RC218264 representing NM_001037334
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGCCGCTCTACTCCGTTACTGTAAATGGGAAAGGAGAAATTTGAAGGTGTAGAATTGAATACAGATG
 AACCTCCAATGGTATTCAAGGCTCAGCTGTTTGCCTTGACTGGAGTCCAGCCTGCCAGACAGAAAGTTAT
 GGTGAAAGGAGGAACGCTAAAGGATGATGATTGGGAAACATCAAATAAAAAATATGGAGTTACCATGT
 GGATTGACAAACCTTGGTAACACTTGTACATGAATGCCACAGTTCAGTGTATTCTGTTCTGTGCCTGAAC
 TCAAAGATGCCCTTAAAGGTATGCAGGTGCCTTGAGAGCTTCAGGGGAAATGGCTTCAGCGCAGTATAT
 TACTGCAGCCCTTAGAGATTTGTTTATTCCATGGATAAACTTCTTCCAGTATTCCACCTATTATTCTA
 CTGCAGTTTTTGCACATGGCTTTCCACAGTTTCCGAGAAAGGTGAACAAGGACAGTATCTTCAACAGG
 ATGCTAATGAATGTTGGATACAAATGATGCGAGTATTGCAACAGAAATTTGAAGCAATAGAGGATGATTC
 TGTTAAAGAGACAGACTCCTCATCTGCATCGGACGACACCTTCTAAAAAGAAAAGTTAATCGATCAG
 TTCTTCGGTGTGAGTTTGAAACTACCATGAAATGTACAGAATCTGAAGAAGAAGAGTACCAAAGGAA
 AGGAAATCAACTTCAGCTTAGCTGTTTATCAATCAGGAAGTCAAGTATCTTTTACAGGACTTAAATT
 GCGACTTCAGGAAGAAATCACCAACAGTCTCCAACGTTGCAAAGAAATGCCTTGTATATCAAATCTTCC
 AAGATCAGCCGGCTGCCTGCTTACTTGACCATTCAGATGGTTCGATTTTTTATAAGAGAAGGAATCTG
 TGAATGCCAAAGTTCTTAAGGATGTTAAATTTCTCTTATGTTGGATATGTATGAACTGTGTACACCAGA
 ACTTCAAGAGAAAATGGTGTCTTTTCGATCCAAATTCAGGATCTAGAAGATAAAAAAGTGAATCAGCAG
 CCAATACAAGTGACAAAAGAGTAGTCCCGAGAAAGTAAAGTATGAACCTTTTCTTTTGTGATG
 ATATTGGCTCCAATAATTGTGGATACTATGACTTACAAGCAGTACTAACACACCAGGGAAGGTCTAGTTC
 TTCAGGTCAATTATGTATCATGGGTGAAAAGGAAACAAGATGAATGGATTAAGTTTGTATGATGACAAAGTC
 AGCATCGTAACACCAGAAGATATCTTACGGCTTTCTGGTGGTGGAGACTGGCATATCGTTACGTTCTAC
 TCTATGGGCTCGCAGAGTTGAAATAATGGAAGGAAAGTGAACAG

ACGCGTACGCGGCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC218264 representing NM_001037334
 Red=Cloning site Green=Tags(s)

MPLYSVTVKWGKEKFEGVELNTDEPPMVFAQLFALTGVQPARQKVMVKGGLKDDDWGNIKIKNMELPC
 GLTNLGNTCYMNATVQCIRSVPELKDALKRYAGALRASGEMASQYITAALRDLFDSMDKTSSSIPPIIL
 LQFLHMAFPQFAEKGEQGYLQQDANECWIQMMRVLQQKLEAIEDDSVKETDSSSASAATPSKKKSLIDQ
 FFGVEFETTMKCTESEEVEVTGKENQLQLSCFINQEVKYLFTGLKLRLQEEITKQSPTLQRNALYIKSS
 KISRLPAYLTIQMVRFYKEKESYNAKVLKDVKFPLMLDMYELCTPELQEKMVSFRSKFDLEDKKVNQQ
 PNTSDKKSSPQKEVKYEPFSFADDIGSNNGYYDLQAVLTHQGRSSSGHYVSWVKRKQDEWIKFDDDKV
 SIVTPEDILRLSGGDDWHIAYVLLYGPRRVEIMEESEQ

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:

NM_001037334

ORF Size:

1377 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_001037334.1</u>
RefSeq Size:	4051 bp
RefSeq ORF:	1380 bp
Locus ID:	9097
UniProt ID:	<u>P54578</u>
Cytogenetics:	18p11.32
MW:	52.2 kDa