

Product datasheet for **RC223740A1V**

Human USP44 (NM_001042403) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human USP44 (NM_001042403) AAV Particle
Tag:	Myc-DDK
Symbol:	USP44
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC223740 representing NM_001042403
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGCTAGCAATGGATACGTGCAACATGTTGGGCAGCTGCAGCTTGCTCAAGACCATTCCAGCCTCAACC
 CTCAGAAATGGCACTGTGTGGACTGCAACACGACCGAGTCCATTTGGGCTTGCCCTAGCTGCTCCCATGT
 TGCCTGTGGAAGATATATTGAAGAGCATGCACTCAAGCACTTTCAAGAAAGCAGTCATCCTGTTGCATTG
 GAGGTGAATGAGATGTACGTTTTTTGTACCTTTGTGATGATTATGTTCTGAATGATAACGCAACTGGAG
 ACCTGAAGTTACTACGACGTACATTAAGTGCCATCAAAAGTCAAAATTACTCTGCACAACCTCGTAGTGG
 GAGGTTTTTACGGTCCATGGGTACAGGTGATGATTCTTATTTCTTACATGACGGTGCCCAATCTCTGCTT
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 CAACAAGACGCTCAGGAATTTCTTTGTGAACCTTTAGATAAAATACAACGTGAATTAGAGACAACCTGGTA
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 TGACCAGTGAACCTCAAAGCGTAGAAGGTTTTCTCCTCAAACCAAGTTGACTCACAGAAGCCAGAAACAA
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 ACCGAGAGAAGATTGGTGTTCATGTTGGCTTTGAGGAAATCTTAAACATGGAGCCCTATTGCTGCAGGGA
 GACCCTGAAATCCCTCAGACCAGAATGCTTTATCTATGACTTGTCCGCGGTGGTGATGCACCATGGGAAA
 GGATTTGGCTCAGGGCACTACACTGCCTACTGTATAATTCTGAAGGAGGGTTCTGGGTACACTGCAATG
 ATTCCAACTAAGCATGTGCACTATGGACGAAGTATGCAAGGCTCAAGCTTATATCTTGTGTTTATACCCA
 ACGAGTTACTGAGAATGGACATTCTAACTTTTGCCTCCAGAGCTCCTGTTGGGGAGCCAACATCCCAAT
 GAAGACGCTGATACCTCGTCTAATGAAATCCTTAGC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:	>RC223740 representing NM_001042403 Red=Cloning site Green=Tags(s) MLAMDTCKHVGQLQLAQDHSSLNPKWHVCDCNTTESIWACLSCSHVACGRYIEEHALKHFQESSHPVAL EVNEMYVFCYLCDDYVLNDNATGDLKLLRRTL SAIKSQNYHCTTRSGRFLRSMGTGDDSYFLHDGAQSLL QSEDQLYTALWHRRIILMGKIFRTWFEQSPIGRKKQEEPFQEKIVVKREVKRRQELEYQVKAELSMPP RKSLRLQGLAQSTIIIEIVSVQVPAQTPASPAKDKVLSTSENEISQKVSDDSVKRRPIVTPGVTGLRNLGN TCYMNSVLQVLSHLLIFRQCFLKLDLNQWLAMTASEKTRSCKHPPVTDTVVYQMNECQEKDTGFVCSRQS SLSSGLSGGASKGRKMELIQPKEPTSQYISLCHLHTLFQVMWSGKWALVSPFAMLHVS VRLIPAFRGYA QQDAQEFLCELLDKIQRELETTGTSLPALIPTSQRKLIKQVLNVVNNIFHGQLLSQVTCACDNKSNTIE PFWDLSEFPERYQCSGKDIA SQPCLVTEMLAKFTETEALGKIYVCDQCNSKRRRFSSKPVVLTEAQKQ LMICHLPQVLRHLKRFWRWGRNNREKIGVHVGFEIILNMEPYCCRETLSLRPECFIYDL SAVVMHHGK GFGSGHYTAYCYNSEGGFWVHCNDSKLSMCTMDEVCKAQAYILFYTQRTENGH SKLLPPELLLSQHPN EDADTSSNEILS TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_001042403
ORF Size:	2136 bp
Buffer:	PBS with 0.001% Pluronic F8701
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_001042403.1</u>
RefSeq Size:	3334 bp
RefSeq ORF:	2139 bp
Locus ID:	84101
UniProt ID:	<u>Q9H0E7</u>
Cytogenetics:	12q22
MW:	81 kDa