

Product datasheet for **RC227139A1V**

Human VPS37A (NM_001145152) AAV Particle

Product data:

Product Type: AAV Particles
Product Name: Human VPS37A (NM_001145152) AAV Particle
Tag: Myc-DDK
Symbol: VPS37A
Synonyms: HCRP1; PQBP2; SPG53
Mammalian Cell Selection: None
Vector: pAAV-AC-Myc-DDK (PS100089)
ORF Nucleotide Sequence: >RC227139 representing NM_001145152
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCCGGATCGCC

ATGAGCTGGCTTTTTCCCTGACCAAGAGCGCCTCCTCCTCCGCGGCTGGGTCCCCCGTGGCCTCACCA
 GCCTCCAGCAGCAGAAGCAGCGCCTGATCGAGTCCCTCCGGAACCTCACACTCCAGATTGCTTCTCCACA
 GTTTCCTCAGGAAAAACCAGTGATCAGTGTTCACCAATACGACATCACTTAATGGATAAACAAGGA
 GTGTATGTTACCTCTCCATTAGTAAACAATTTACAATGCACTCAGATCTGGAAAAATTATTCAGAGTC
 TGTGGATGAGTTTTGGAAGAATCCTCCAGTTTTAGCTCCTACTTCAACAGCATTTCCTATCTATACG
 TAACCCAAGTGGGATGTCTCCTTATGCTTCTCAGGGTTTTCCATTTCTTCTCCATATCCTCCACAAGAA
 GCAAACAGGAGTATCACTTCTTTATCTGTTGCTGACACTGTTTCTTCAACAACAAGTCATACCACAG
 CCAAGCCTGCCGCTCCTTCATTTGGTGTCTTTCAAATCTGCCATTACCCATTCCACAGTGGATGCTTC
 AATACCGACAAGCCAAAATGGTTTTGGGTACAAGATGCCAGATGTCCCTGATGCATTTCCAGAATCTCA
 GAACTAAGTGTGCACAACCTCACAGATATGAATGAACAAGAGGAGGTATTACTAGAACAGTTTCTGACTT
 TGCTCAACTAAAACAATTATTACCGACAAAGATGACTTAGTAAAAAGTATTGAGGAAGTGAAGAAA
 AAATCTCCTTTGGAGCCAGCTTGAAGCCAAAAGACAACTGTTTTAGATAAGTATGAATTACTTACA
 CAGATGAAGTCCACTTTCGAAAAGAAGATGCAAAGGCAGCATGAACTTAGTGAGAGCTGTAGTCAAGTG
 CCTTCAGGCAAGATTGAAAGTAGTGCACATGAAGCTGAGGAAGAATCTGATAAATTGCAGAAGACTT
 CTTGGAGGAAAAGATGAAAATAGATGATTTTTCTCAGTAGCTTCATGGAAAAGAGAACAATTTGCCACTGT
 AGAAGAGCCAAGGAAGAGAAACTTCAGCAGGCGATAGCAATGCACAGCCAATTTTCATGCTCCACTA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence:	<p>>RC227139 representing NM_001145152 Red=Cloning site Green=Tags(s)</p> <p>MSWLFPLTKSASSAAGSPGGLTSLQQQKQRLIESLRNSHSRLLPPQFPQEKPVISVYPPIRHHLMDKQG VYVTSPLVNNFTMHSDLGKIIQSLLEDFWKNPPVLAPTSTAFPYLYSNPSGMSPYASQGFPLPPYPPQE ANRSITSLSVADTVSSSTTSHTTAKPAAPSGVLSNLPLPIPTVDASIPTSQNGFGYKMPDVPDAFPELS ELSVSQQLTDMNEQEEVLLLEQFLTLPQLKQIITDKDDL VKSIEELARKNLLLEPSLEAKRQTVLDKYELLT QMKSTFEKKMQRQHELSESCSASALQARLKVAHEEEEESDNIAEDFLEGKMEIDDFLSSFMEKRTICHC RRAKEEKLQQAIAMHSQFHAPL</p> <p>TRTRPLEQKLI SEEDLAANDILDYKDDDDKV</p>
Species:	Human
Serotype:	AAV-2
ACCN:	NM_001145152
ORF Size:	1116 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_001145152.1</u> , <u>NP_001138624.1</u>
RefSeq ORF:	1119 bp
Locus ID:	137492
UniProt ID:	<u>Q8NEZ2</u>
Cytogenetics:	8p22
MW:	41.3 kDa