

Product datasheet for **RC210429A1V**

Human DQX1 (NM_133637) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human DQX1 (NM_133637) AAV Particle
Tag:	Myc-DDK
Symbol:	DQX1
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC210429 representing NM_133637
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGACCTCTCAGCCTCTCAGGCTAGCAGAAGAGTATGGCCCAAGTCCTGGGGAGTCTGAAGTGGCTGTGA
 ACCCCTTTGATGGGCTTCCCTTCTCTCCCGCTACTATGAGCTGCTGAAGCAGCGCCAAGCCTTGCCCAT
 CTGGGGTCTCGCTTTACCTTCTTGAGCAGTTGGAGAGTAACCCCACTGGAGTGGTGTCTGGTGTCTGGG
 GAGCCTGGTTCTGGCAAGAGCACCCAGATCCCTCAGTGGTGTGCAGAGTTTGCCTGGCCAGAGGGTTCC
 AGAAAGGACAGGTTACTGTTACTCAGCCCTACCCTCTTGACGCCCGGAGCCTGGCTCTGCGGGTTGCTGA
 TGAGATGGACCTGACCCTGGGTCTGAGGTTGGATACAGCATCCCCAGGAGGACTGCACGGGGCCCAAC
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 GGGGCGTCTGTTACTAGATGAGGCTCAGGAGCGGTGGTGGCATCAGATTCCTCCAGGGGCTACTGCA
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 AAGCTCCGAGCTTTCTGGGGCAATCCTCTATTGTGCATATACCCAGAGAGCCTGGTGAAGACCTTCCC
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 TCCACCATTTGCCACAACCCAGGGTGTGTGAGGAGAATCTGAGCTCCCTGGTGTACTACTAAAAAGGAGA
 CAGATTGCAGAGCCAGGGGAGTGTCACTTCTGGACGACCTGTCCAGAAGCACTGATGCAAGCCCTGG
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 CCCTGCGTCGGGCCCTGGAACACACGGATGGTGACCACAGTTCTCTGATCCAGGTGTATGAAGCCTTTAT
 ACAAAGTGAGCAGATGAGGCTTGGTGCCAGGCTCGAGGTCTGAATTGGGCAGCATTGTGCCAAGCCCAT
 AAATTCGGGGAGAATCCTAGAACTCATGCAACGAATTGAATTCCTTGTCCCTACCAGCCTTTGGCT
 CTGAGCAGAATCGCAGAGACCTTCAGAAAGCACTGGTGTGAGGATACTTCTCAAGGTGGCCAGAGACAC
 AGACGGGACTGGAAATTACCTTCTCCTAACCCATAAGCATGTGGCCAGCTCTCCTCATACTGCTGCTAC
 CGAAGCCGAGAGCTCCTGCCAGACCCCACTGAGGTGCTTACCACAAATTTACCATATCCAAGACA
 ACTGCCTTTCCATTGTTTCTGAGATTCAACCACAGATGCTGGTGAATTGGCCCTCCATACTTCTGAG
 TAATTCCTCCAGTGAGAGCAGAGACCTTCTGAACAGCTAAGGGAAGGAATGGCAGATTCTACAGCA
 GGGAGCAATCATCCTCAGCCAGGAGTTCAGAGATCCCTGTGCTCCTGCAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:	>RC210429 representing NM_133637 Red=Cloning site Green=Tags(s) MTSQPLRLAEEYGPSPGESELA VNPFDGLPFSSRYELLKQRQALPIWAARFTFLEQLESNPTGVVLVSG EPGSGKSTQIPQWCAEFALARGFQKGQVTVTQPYPLAARSLALRVADEMDLT LGHEVGYSIPQEDCTGPN TLLRFCWDRLLLQEVA STRGTGAWGVLVLDEAQERSVASDSLQGLLQDARLEKLP GDLRVVVVTDPALEP KLRAF WGNPPIVHIPREP GERPSPIYWDTI PPDRVEAACQAVLELCRKELPGDVLVFLPSEEEISLCCES LSREVESLLLQGLPPRVLP LHPDCGRAVQAVYEDMDARKVVVTHWLADFSFSLPSIQHVIDSGLELRSVY NPRIRAEFQVLRPI SKCQAEARRLRARGFPPGSCLCLYPKSFLELEAPPLPQPRVCEENLSSLVLLLKRR QIAEPGECHFLDQPAPEALMQALEDLDYLAALDDGDLS DLGVILSEFPLAPELAKALLASCEFCVDEM LTLAAMLTAAPGFTRPPLSAEEAALRRALEHTDGDHSSLIQVYEAFIQSGADEAWCARGLNWAALCQAH KLRGELLELMQRIELPLSLPAFGSEQNRRDLQKALVSGYFLKVARDTDGTGNYLLLTHKHVAQLSSYCCY RSRRAPARPPPWL YHNFTISKDNCLSI VSEIQPQMLVELAPPYFLSNLPPSESRDLLNQLREGMADSTA GSKSSSAQEFRDPCVLQ TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_133637
ORF Size:	2151 bp
Buffer:	PBS with 0.001% Pluronic F6582
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_133637.2</u>
RefSeq Size:	2650 bp
RefSeq ORF:	2154 bp
Locus ID:	165545
UniProt ID:	<u>Q8TE96</u>
Cytogenetics:	2p13.1
MW:	79.3 kDa