

Product datasheet for **RC210167A1V**

Human C6orf192 (SLC18B1) (NM_052831) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human C6orf192 (SLC18B1) (NM_052831) AAV Particle
Tag:	Myc-DDK
Symbol:	C6orf192
Synonyms:	C6orf192; dj55C23.6
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC210167 ORF sequence, **codon optimized**.
Due to the complexity of NM_052831, the ORF clone is codon optimized for mammalian Expression.
The nucleotide sequence differs from the reference sequence, yet the amino acid sequence remains identical.

Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGGAGGCACTGGGCGATCTGGAGGGGCTCGCGCCCCGGAGGCGATGACCCCGCAGGTTCCGCCGGTG
 AAACCCCTGGTTGGCTGTCACGAGAACAAGTGTGGTACTGATCAGTGCCGCCTCAGTTAACCTGGGTTCC
 TATGATGTGTTACAGCATACTTGGACCCCTTTTCCAAAGGAGGCTGAGAAGAAGGGAGCCAGCAATACC
 ATTATAGGCATGATCTTTGGCTGCTTCGCCCTTTTGGCTGCTCGCTTCCCTGGTGTTCGGGAACATAC
 TGGTACACATCGGCGCAAAGTTCATGTTTGTAGCTGGCATGTTCTGTCTGGCGGCGTAACCATTTTGT
 CGGGGTTCTTGATCGCGTGCCTGACGGACCAAGTTCATCGCAATGTGCTTTCTGTACGAGTGTGGAT
 GCTGTCTCTTTCGAGCAGCAATGACTGCTTCCCTCATCTATCCTTGCAAAGCATTCCCCAACATGTGG
 CCACAGTGCTCGGAAGTCTGGAGACATTCTCCGGGCTGGGACTGATTCTGGGTCGCCAGTAGGGGGTTT
 TCTCTACCAGAGCTTCGGGTACGAGGTGCCCTTCATCGTTCTGGGGTGCCTCGTCTCTGATGGTGCC
 CTGAATATGTATCTGCCAAATACGAGTCAGACCCGCGGAGCATTCTTCTGGAAGTTGATCGCCC
 TGCCAAAAGTGGGGCTGATTGCCTTTGTGATCAATCCCTCTCCTCTTGTTCGGATTCCCTGACCCAAC
 CCTGAGCCTGTTTGTGCTGGAGAAGTTCAACTGCCCGCCGATATGTCGGCCTGTGTTCCCTGGGACTG
 GCCTTGAGCTACGCCATCTCCAGCCCTCTCTTTGGCCTGTTGTGAGATAAACGACCCCTGAGGAAAT
 GGCTGCTCGTTTTCGAAATCTGATTACAGCAGTTGCTACATGCTCCTGGGACCTGTCCCTATCTGCA
 TATTAAGTCCCAGCTGTGGCTTCTGGTCTGATCCTTGTGTTAGTGGGCTGTCAGCCGGAATGAGCATC
 ATCCCTACCTTCCCCGAGATTCTCTCTGTGCTCATGAGAACGGATTGGAAGAAGGGCTCTACATTGG
 GACTGGTCAGCGGCCTTTCTCCGCATGTGGTCAATCGGAGCTTTTATGGGACCTACACTTGGCGGATT
 TCTCTATGAAAAGATCGGATTTGAGTGGGCTGCCGCCATTCAGGGCCTTTGGGCACTCATCTCAGGCCT
 GCCATGGGCTGTTCTACCTTCTGGAGTATAGTAGCGAAAAAGGTCTAAAAGCCAAAACATCTGTCTA
 CAGAAGAGGAACGCACCACTCTGCTGCCAAACGAGACA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC210167 representing NM_052831
 Red=Cloning site Green=Tags(s)

MEALGDLEGPRAPGGDDPAGSAGETPGWL SREQVFVLI SAASVNLGSMCYLILGPPFPKEAEKKGASNT
 IIGMIFGCFALFELLASLVFGNYLVHIGAKFMFVAGMVFVSGGVITILFGVLD RVPDGPVFIAMCFLVRVMD
 AVSFAAAMTASSILAKAFPNNVATVLGSLTF SGLGLILGPPVGGFLYQSFYEVPIVLCGVLLMVP
 LNMYILPNYEDPGEHSFKLIALPKVGLIAFVINSLS SFCFLDPTLSLFLVLEKFNLPAGYVGLVFLGM
 ALSYAISSPLFGLLSDKRPPLRKWL VFGNLI TAGCYMLLGPVPI LHIKSQLWLLVILVVSGLSAGMSI
 IPTFP EILSCAHENGFEEGLSTLGLV SGLFSAMWSIGAFMGPTLGGFLYEKIGFEWAAA IQGLWALISGL
 AMGLFYLL EYSRRKRKSKSQNILSTEEERTLLPNET

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:

NM_052831

ORF Size:	1368 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_052831.2</u> , <u>NP_439896.1</u>
RefSeq Size:	2452 bp
RefSeq ORF:	1371 bp
Locus ID:	116843
UniProt ID:	<u>Q6NT16</u>
Cytogenetics:	6q23.2
MW:	48.9 kDa