

Product datasheet for **RC213459A1V**

Human SCC112 (PDS5A) (NM_001100400) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human SCC112 (PDS5A) (NM_001100400) AAV Particle
Tag:	Myc-DDK
Symbol:	PDS5A
Synonyms:	PIG54; SCC-112; SCC112
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC213459 representing NM_001100400
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGACTTCACCGCGCAGCCCAAGCCTGCCACTGCCCTCTGTGGCGTCGTGAGTGCCGACGGGAAGATCG
 CTTACCCTCCGGGGTAAAAGAGATCACCGACAAGATCACCGACGACGAGATGATCAAACGCCTGAAGAT
 GGAGTGAAAACCTTTATGGATATGGATCAGGACTCAGAAGATGAAAAACAGCAGTATCTCCACTAGCC
 TTGCATCTTGCATCTGAATTCCTCAGGAACCCCAATAAAGATGTGCGTCTCCTTGTAGCATGTTGTT
 TGGCTGATATCTTTCGTATCTATGCCCCAGAAGCTCCATATACTTCCCATGATAAACTTAAGGACATATT
 TTTGTTTATTACCAGACAATTAAGGTTTGGAGGATACAAAGAGTCCACAGTTTAATAGATACTTTTAT
 TTATTAGAGAATTTAGCTTGGTTAAATCATATAACATCTGCTTTGAATTGGAAGATTGCAATGAAATTT
 TTATTCAGCTTTTGAAGTCTCTCTCAGTGATCAACAATAGCCACAATAAGAAGGTACAAATGCACAT
 GCTAGATTTGATGAGTTCTATCATCATGGAAGGTGATGGAGTTACTCAAGAATTATTGGACTCCATTCTT
 ATTAACCTCATTCTGCACATAAGAAGTTAAATAAACAGTCCTTTGACCTTGCAAAAGTGCTATTGAAAA
 GAACAGTCCAGACTATTGAGGCATGCATTGCTAATTTTTTCAATCAAGTCCTGGTGCTGGGAAGATCATC
 AGTAAGTGATTTGTGAGAACATGATTTGATCTGATTCAGGAACCTTTTGTATAGATCCTCATTATTA
 TTATCCGTATGCCACAGCTTGAATTCAACTAAAGAGCAATGATGGAGAAGAGCGATTAGCTGTTGTTT
 GACTTCTAGCTAAATGTTTGGCTCCAAAGATTCTGATTTGGCAACACAGAATCGTCCTTTGGCAATG
 TTTTCTGGACGATTTAATGATTCATGTTCTGTGAGATTAGAAAGTGTGAAATTTGCCAGTCATTGT
 TTAATGAATCACCCAGATTTAGCGAAGGATCTCACAGAATATTTAAAGTTAGATCACATGATCCAGAAG
 AAGCTATTCGTATGATGTCATTGTTACTATAATAACAGCTGCCAAGAGGGACCTGGCCTTAGTAAATGA
 TCAGTCTGTGGCTTTGTAAGGGAAGAACACTGGATAAACGGTGGCGAGTAAGAAAAAGAGCTATGATG
 GGTCTGGCTCAGCTTTATAAGAAATACTGTCTTCATGGTGAAGCAGGAAGGAAGCTGCAGAGAAAGTCA
 GCTGGATAAAGGACAACTTCTGCATATTTATTATCAGAACAGCATTGACGACAACTGTTGGTAGAGAA
 AATCTTTGCTCAGTATCTTGTCCCCACAACCTGGAAACAGAAGAGAGAATGAAATGCTTATATTACTTA
 TATGCTAGTTTGGATCCAAATGCTGTAAAGCTCTCAACGAAATGTGGAAGTGTGAGAACATGCTTCGGA
 GCCATGTACGCGAACTATTGGATTTGCACAAGCAGCCTACATCAGAGGCTAACTGTTCTGCCATGTTTGG
 AAACTGATGACCATAGCAAAGATTTGCTGACCCCGGGAAGCACAAGATTTGTGAAGAAATTTAAC
 CAGGTTCTCGCGATGATGAGAACTTCGGTCTCAGTTGGAGTTATTAATTAGCCCAACCTGTTCTTGCA
 AACAAGCAGATATTTGTGTGGTTAGTAAATCATACTTCACACTTTTCTC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

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MDFTAQPKPATALCGVVSADGKIAYPPGVKEITDKITTEMIKRLKMVVKTFMDMDQDSEDEKQYQLPLA
 LHLASEFFLRNPNKDVRLLVACCLADIFRIYAPEAPYTSKDKLDIFLITRQLKGLDTSKSPQFNRYFY
 LLENLAWVKSYNICFELEDNEIFIQLFRTLFSVINNSHNKKVQMMLDLMSIIMEGDGVTQELLDLSIL
 INLIPAHKNLNKQSFDAKVLKRTVQIEACIANFFNQVLVLRSSVSDLSEHVFDLIQELFAIDPHLL
 LSVMPQLEFKLSNDGEERLAVVRLAKLFGSKDSDLATQNRPLWQCFLGRFNDIHVPVRLESVKFASHC
 LMNHPDLAKDLTEYLKVRSHDPEEAIKRDVIVITIAAKRDLALVNDQLLGFVRERTLDKRWVRKEAMM
 GLAQLYKKYCLHGEAGKEAAEKVSWIKDKLLHIYYQNSIDDKLLVEKIFAQYLVPNLTEERMKCLYYL
 YASLDPNAVKALNEMWKCQNMRLRSHVRELLDLHKQPTSEANCSAMFGKLMITIAKNLPDPGKAQDFVKKFN
 QVLGDDEKLRSQLELLISPTCSCKQADICVVSYSYFTLFL

TRTRPLE**QKL**ISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:	AAV-2
ACCN:	NM_001100400
ORF Size:	1800 bp
Buffer:	PBS with 0.001% Pluronic F7054
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_001100400.1, NP_001093870.1</u>
RefSeq Size:	2745 bp
RefSeq ORF:	1803 bp
Locus ID:	23244
UniProt ID:	<u>Q29RF7</u>
Cytogenetics:	4p14
MW:	68.8 kDa