

Product datasheet for **RC206893A1V**

Human Islet 1 (ISL1) (NM_002202) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human Islet 1 (ISL1) (NM_002202) AAV Particle
Tag:	Myc-DDK
Symbol:	Islet 1
Synonyms:	Isl-1; ISLET1
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)
ORF Nucleotide Sequence:	>RC206893 ORF sequence Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGCATCGCC**

ATGGGAGACATGGGAGATCCACCAAAAAAAAAACGTCTGATTTCCCTATGTGTTGGTTGCGGCAATCAGA
TTCACGATCAGTATATTCTGAGGGTTTCTCCGATTTGGAATGGCATGCGGCATGTTTGAAATGTGCGGA
GTGTAATCAGTATTTGGACGAGAGCTGTACATGCTTTGTTAGGGATGGGAAAACCTACTGTAAAAGAGAT
TATATCAGGTTGTACGGGATCAAATGCGCCAAGTGCAGCATCGGCTTCAGCAAGAACGACTTCGTGATGC
GTGCCCGCTCCAAGGTGTATCACATCGAGTGTTTCCGCTGTGTGGCTGCAGCCGCGAGTCATCCCTGG
GGACGAATTTGCGCTTCGGGAGGACGGTCTCTTCTGCCGAGCAGACCACGATGTGGTGGAGAGGGCCAGT
CTAGGCCTGGCGACCCGCTCAGTCCCCTGCATCCAGCGCGGCCACTGCAATGGCAGCGGAGCCCATCT
CCGCCAGGCAGCCGGCCCTGCGGCCCCACGTCCACAAGCAGCCGAGAGAACACCCGCGTGCGGACTGT
GCTGAACGAGAAGCAGCTGCACACCTTGCGGACCTGCTACGCCGAAACCCGCGGCCAGATGCGCTCATG
AAGGAGCAACTGGTAGAGATGACGGGCTCAGTCCCCGTGTGATCCGGGTCTGGTTTCAAAACAAGCGGT
GCAAGGACAAGAAGCGAAGCATCATGATGAAGCAACTCCAGCAGCAGCAGCCCAATGACAAAATAATAT
CCAGGGGATGACAGGAATCCCATGGTGGCTGCCAGTCCAGAGAGACGACGGTGGCTTACAGGCTAAC
CCAGTGAAGTACAAAGTTACCAGCCACCTTGAAAGTACTGAGCGACTTCGCCTTGAGAGTGACATAG
ATCAGCCTGCTTTTCAGCAACTGGTCAATTTTTCAGAAGGAGGACCGGGCTCTAATCCACTGGCAGTGA
AGTAGCATCAATGTCCTCTCACTTCCAGATACACCTAACAGCATGGTAGCCAGTCTATTGAGGCA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA


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Protein Sequence:	>RC206893 protein sequence Red=Cloning site Green=Tags(s) MGDMGDPKKKRLISLCVGCNQIHDQYILRVSPDLEWHAACLKCAECNQYLDESCTCFVRDGKTYCKRD YIRLYGIKCAKCSIGFSKNDFVMRARSKVYHIECFRCVACSRQLIPGDEFALREDGLFCRADHDVVERAS LGAGDPLSPLHPARPLQMAAEPI SARQPALRPHVHKQPEKTTRVRTVLNEQLHLRTCYAANPRPDALM KEQLVEMTGLSPRVIRVWFQNKRCCKDKKRSIMMKQLQQQPNDKTNIQGMTGTPMVAASPERHDGGLQAN PVEVQSYQPPWKVLSDFALQSDIDQPAFQQLVNFSEGGPGSNSTGSEVASMSSQLPDTNPMVASPIEA TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_002202
ORF Size:	1047 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:	NM_002202.2 , NP_002193.2
RefSeq Size:	2729 bp
RefSeq ORF:	1050 bp
Locus ID:	3670
UniProt ID:	P61371
Cytogenetics:	5q11.1
MW:	39 kDa