

Product datasheet for **RC204193A1V**

Human Integrin beta 7 (ITGB7) (NM_000889) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human Integrin beta 7 (ITGB7) (NM_000889) AAV Particle
Tag:	Myc-DDK
Symbol:	ITGB7
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC204193 ORF sequence

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

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGTGGCTTTGCCAATGGTCCTTGTGTTTGTCTGCTGGTCTGAGCAGAGGTGAGAGTGAATTGGACGCCA
AGATCCCATCCACAGGGGATGCCACAGAATGGCGGAATCCTCACCTGTCCATGCTGGGGTCTGCCAGCC
AGCCCCCTCCTGCCAGAAGTGCACTCTCACACCCAGCTGTGCATGGTGAAGCAACTGAACCTCACC
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AGAGGGTGCCACCCAGCTGGCGCCGACGCGGTCCGGTACGCTGCGGCCTGGGAGCCCCAGCAGCTC
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TGAAGGACGACCTGGAACGCGTGCGCCAGCTCGGGCAGCTCTGCTGGTCCGGTGCAGGAAGTACCCCA
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CGCAGGCCATTGTCTGGGCTGCGTAGGGGGCATCGTGGCAGTGGGGCTGGGGCTGGTCTGGCTTACCG
GCTCTCGGTGGAATCTATGACCGCCGGGAATACAGTCGCTTTGAGAAGGAGCAGCAACAACTCAACTGG
AAGCAGGACAGTAATCCTCTCTACAAAAGTGCCATCACGACCACCATCAATCCTCGCTTCAAGAGGCAG
ACAGTCCCACTCTC

AG**CGGACCG**ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC
TGGATTACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:	>RC204193 protein sequence Red=Cloning site Green=Tags(s) MVALPMVLVLLLVLSRGESELDKIPSTGDATEWRNPHLSMLGSCQPAPSCQKCILSHPSCAWCKQLNFT ASGEAEARRCARREELLARGCPLEELPRGQEVLDQPLSQGARGEGATQLAPQVRVTLRPGEPPQL QVRFLRAEGYPVDLYYLMDSL SYMKDDLERVRLGHALLVRLQEVTHSVRIGFSGFVDKTVLPFVSTVPS KL RHPCPTRLERCQSPFSFHHVLSLTGDAQAFEREVGRQSVSGNLDSPEGGFDAILQAALCQEIQGWRNV SRLLVFTSDDTFHTAGDGKLG GIFMPSDGHCHLDSNGLYSRSTEFDYPSVGQVAQALSAANIQPIFAVTS AALPVYQELSKLIPKSAVGELSEDSSNVVQLIMDAYNSLSSTVTLEHSSLPPGVHISYESQCEGPEKREG KAEDRGQCNHVRINQTVTFWVSLQATHCLPEPHLLRLRALGFSEELIVELHTLDCNCSDTQPQAPHCS D GQGHLCQGVCSAPGRLGRLCECSVAELSSPDLESGCRAPNGTGPLCSGKGHCQCGRCSCSGQSSGHLCE CDDASCEHREGILCGGFGRCQCGVCHCHARTGRACECSGDMDCISPEGGLCSGHGRCKCNRCQCLDGY YGALCDQCPGCKTPCERHRDCAECGAFRTGPLATNCSTACAHTNVTALAPILDDGWCKERTLDNQLFF LVEDDARGTVLVRVPQEKGADHTQAIVLGCVGGIVAVGLGLVAYRLSVEIYDRREYSRFEKEQQQLNW KQDSNPLYKSAITTTINPRFQEADSPTL SGPTRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_000889
ORF Size:	2394 bp
Buffer:	PBS with 0.001% Pluronic F5533
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_000889.1
RefSeq Size:	2878 bp
RefSeq ORF:	2397 bp
Locus ID:	3695
UniProt ID:	P26010
Cytogenetics:	12q13.13
MW:	86.9 kDa