

Product datasheet for **RC219594A1V**

Human PIAS1 (NM_016166) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human PIAS1 (NM_016166) AAV Particle
Tag:	Myc-DDK
Symbol:	PIAS1
Synonyms:	DDXBP1; GBP; GU/RH-II; ZMIZ3
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC219594 representing NM_016166
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCGGACAGTGCAGAACTAAAGCAAATGTTATGAGCCTTAGAGTTTCTGAACTCCAAGTACTGTTGG
 GCTACGCCGGGAGAAACAAGCACGGACGCAAACACGAACCTCTCACAAAAGCCCTGCATTGCTAAAGGC
 TGGCTGTAGTCCTGCTGTGCAAAATGAAAATTAAGGAACTCTATAGGCGGCGGTTCCACAGAAAAATCATG
 ACGCCTGCAGACTTGTCCATCCCCAACGTACATTCAAGTCCTATGCCAGCAACTTTGTCTCCATCTACCA
 TTCCACAACCTCACTTACGATGGTCACCTGCATCATCACCATTACTCCCTGTTTCTCTTCTGGGACCTAA
 ACATGAACTGGAACCTCCACATCTTACATCAGCTCTTACCCAGTCCATCCGGATATAAACTTCAAAAA
 TTACCATTTTATGATTTACTGGATGAACTGATAAAACCCACCAGTCTAGCATCAGACAACAGTCAGCGCT
 TTCGAGAAACCTGTTTTGCATTTGCCTTGACACCACAACAAGTCAGCAAATCAGTAGTTCATGGATAT
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 CAAGAAGTCACTTCCCACCAATCTTTGTGTGAAAGTGAATACAAAACCTTGCAGCCTTCCAGGTTACC
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 GCAGTATATCTTGTAAACAGTTGTCTCAACAGTTCTTCTTCAGAGGTTACGAGCAAAGGGAATAAGGA
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 CAGCCTAAGGGTTTCTACTATGTCCACTTGGTAAAAATGCGGCTGACAATTCCGTGTCGGGCCCTTACA
 TGTTCTCATCTACAATGTTTTGACGCAACTCTTACATTCAGATGAATGAGAAAAACCAACCTGGGTTT
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 GTACTGTACAGACTGTGATGAAATACAATTTAAGGAGGATGGCACTTGGGCACCGATGAGATCAAAAAAG
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 AATAATAAAGGCATTTTAAGTCTTCCACATCAAGCATCTCCAGTATCCCGCACCCCAAGCCTTCTGCTG
 TAGACACAAGCTACATTAATACCTCCCTCATCCAAGACTATAGGCATCCTTCCACATGACACCCATGCC
 TTACGACTTACAAGGATTAGATTTCTTCTTTCTTATCAGGAGACAATCAGCATTACAACACCTCCTTG
 CTTGCCGCTGCAGCAGCAGCAGTTTCAGATGATCAAGACCTCCTACACTCGTCTCGGTTTTTCCCGTATA
 CCTCCTCACAGATGTTTCTTGATCAGTTAAGTGCAGGAGGCAGTACTTCTCTGCCAACCAATGGAAG
 CAGTAGTGGCAGTAACAGCAGCCTGGTTTCTTCCAACAGCCTAAGGGAAGCCATAGCCACACCGTCACA
 AACAGGAGCAGCACGGACACGGCATCCATCTTTGGCATCATACCAGACATTATTTTCATTGGAC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:	>RC219594 representing NM_016166 Red=Cloning site Green=Tags(s) MADSAELKQMVMSLRVSELQVLLGYAGRNKHGRKHELLTKALHLLKAGCSPAVQMKIKELYRRRFPQKIM TPADLSIPNVHSSPMPATLSPSTIPQLTYDGHPASSPLLPSVLLGPKHELELPHLTSALHPVHPDIKLQK LPFYDLLDELIKPTSLASDNSQRFRETCTAFALTPQQVQQISSMDSGKCDFTVQVQLRFCLSETSCP QEDHFPPNLCVKVNTKPCSLPGYLPPTKNGVEPKRPSRPINITSLVRLSTTVPNTIVVSWTAEIGRNYSM AVYLVKQLSSTVLLQRLRAKGIRNPDHSRALIKEKLTADPDSEIATTSRVSLLCPLGKMRLTIPCRALT CSHLQCFDATLYIQMNEKKPTWVCPVCDKKAPYEHLIIDGLFMEILKYCTDCDEIQFKEDGTWAPMRSKK EVQEVASASYNGVDGCLSSTLEHQVASHHQSSNKNKKVEIDLIDSSSDEEEEEPSAKRTCPSLSPSTPL NNKGILSLPHQASPVSRTPSLPAVDTSYINTSLIQDYRHPFHMTMPYDLQGLDFFPFLSGDNQHYNTSL LAAAAAVSDDQDLLHSSRFFPYTSSQMFLDQLSAGGSTSLPTTNGSSSGSNSSLVSSNSLRESHSHTVT NRSSTDTASIFGIIPDIISLD TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_016166
ORF Size:	1953 bp
Buffer:	PBS with 0.001% Pluronic F8020
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_016166.1</u>
RefSeq Size:	2309 bp
RefSeq ORF:	1956 bp
Locus ID:	8554
UniProt ID:	<u>O75925</u>
Cytogenetics:	15q23
MW:	71.7 kDa