

Product datasheet for **RC208569A1V**

Human PRDM14 (NM_024504) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human PRDM14 (NM_024504) AAV Particle
Tag:	Myc-DDK
Symbol:	PRDM14
Synonyms:	PFM11
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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**ORF Nucleotide
Sequence:**

>RC208569 ORF sequence

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

 TTTTGAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGC**

 ATGGCTCTACCCCGCCAAGTGAGGCCGTGCCTCAGGACAAGGTGTGCTACCCGCCGAGAGCAGCCGC
AGAACCTGGCCGCGTACTACACGCTTTCCCGTCCTATGGACTACAGAAACAGCCTGGCCACCGTGGA
GGAAGACTTCCAACTTTCCGGCAGCTGGAGGCCGAGCGTCTGCTGCCCCGCCATGCCCCCTTCCCC
TTCCGGATGGCGCTCCCTTGTGAGCCGGGTCTGGCCTACAGAGGGAGCCTCTCTACGATCTGCCCT
GGTACAGCAAGCTGCCACCGTGGTACCAATCCCCACGTCCCAGGGAAGTGCCGCCCTTCTGAGCAG
CAGCCACGAGTACGCGGGTGCCAGCAGTGAAGATCTGGGCCACCAATCATTGGTGGCACAACGAGAGT
GGCCCGTGTGTGACCTGACACTTTAATTCACCGCCCCCTGCGGATGCTTCTCTGTTACCTGAGGGGC
TGAGGACCTCCAGTTATTACCTTGTCTACCCAGCAAGCAGTCAGAGGATGGTCCCAAACCTCCAACCA
AGAAGGGAAGTCCCCTGCTCGGTTCCAGTTCACGGAGGAGGACCTGCACTTCGTTCTGTACGGGGTCACT
CCCAGCCTGGAGACCCAGCCAGCCTGCACCATGCGATTTACGGCCTCCTGGTCCCCCAGACAGCTCTG
GATCTGATTCTTCTCAAACCTCTGGATGAAGACTCCCTTCAACTTCCAGAAGGTCTATGCCTCATGCA
GACGGTGTGGTGAAGTCCCACATTTTGGTGTGTTCTGCAGTAGTTTTATCGCCAAAGGAGTCAGGTTT
GGGCCCTTTCAAGGTAAGTGGTCAATGCCAGTGAAGTGAAGACCTACGGAGACAATTCTGTGATGTGGG
AGATCTTTGAAGATGGTCATTTGAGCCACTTTATAGATGGAAAAGGAGGTACGGGGAAGTGGATGTCCTA
TGTCAACTGTGCCCGTTCCTCAAGGAGCAGAACCTAGTTGCTGTGCAGTGTCAAGGGCATATATTTTAT
GAGAGCTGCAAAGAGATTCATCAGAACCAAGAGCTCCTGTGTGGTATGGAGACTGCTATGAGAAATTC
TGGATATTCTGTGAGCCTTCAGGTACAGAGCCGGGAAGCAGCCATCTGGGCCCTCTGAAGAGTCTGC
AGAAGGCTACAGATGTGAAAGATGTGGGAAGGTATTTACCTACAAATATTACAGAGATAAGCACCTCAAG
TACACCCCTGTGTGGACAAGGGCGATAGGAAATTTCCCTGTTCTCTCTGCAAACGATCCTTTGAGAAGC
GGGACCGGCTTCGGATCCACATTTCTCATGTTTATGAGAAGCACCAGGCTCACAAGTGTCTACATGTGG
GAAATGTTTCTCTCAGTCTTCCAGCCTAAACAAACACATGCGAGTCCACTCTGGAGACAGACCATAACAG
TGTGTGTATTGTACTAAGAGGTTACAGCCTCCAGCATACTCCGCACACACATCAGGCAGCACTCCGGGG
AGAAGCCCTTCAAATGCAAGTACTGTGGTAAATCTTTGCATCCCATGCTGCCCATGACAGCCATGTCCG
GCGTTCACACAAGGAGGACGATGGCTGCTCATGCAGCATCTGTGGGAAATCTTCTCAGATCAAGAAACA
TTCTACTCCCATGAAGTTTCATGAAGACTAC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC208569 protein sequence

Red=Cloning site Green=Tags(s)

 MALPRPSEAVPQDKVCYPPESSPQNLAAYYTPFPSYGHYRNSLATVEEDFQPFRLQLEAAASAAPAMPPFP
FRMAPLLSPGLGLQREPLYDLWPYSLPPWYIPHVPREVPPFLSSSHEYAGASSEDLGHQIIGDNE
GPCCGPDTLIPPPADASLLPEGLRTSLLPCSPSKQSEDGPKPSNQEGKSPARFQFTEEDLHFVLYGVT
PSLEHPASLHHAISGLLVPPDSSGSDSLPQTLDEDSLQLEGLCLMQTVFGEVPHFVGFVCFSSFIKGVRF
GPFQGVVNASEVKTYGDNVWWEIFEDGHLSHFIDGKGGTGNWMSYVNCARFPKEQNLVAVQCQGHIFY
ESCKEIHQNQELLVWYGDCYEKFLDIPVSLQVTEPGKQPSGPSEESAEGYRCERCCKVFTYKYRDKHLK
YTPCVDKGRKFPCSLCKRSFEKRDRLRIHILHVHEKHRPHKSTCGKCFSSSLNKHMRVHSGDRPYQ
CVYCTKRFTASSILRTHIRQHSGEKPFCKYCGKSFASHAAHDSHVRRSHKEDDGCSCSICGKIFSDQET
FYSHMKFHEDY

TRTRPLE**QKL**ISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:	NM_024504
ORF Size:	1713 bp
Buffer:	PBS with 0.001% Pluronic F6284
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_024504.2</u>
RefSeq Size:	2344 bp
RefSeq ORF:	1716 bp
Locus ID:	63978
UniProt ID:	<u>Q9GZV8</u>
Cytogenetics:	8q13.3
MW:	64.1 kDa