

Product datasheet for **RC209266A1V**

Human Prolactin Receptor (PRLR) (NM_000949) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human Prolactin Receptor (PRLR) (NM_000949) AAV Particle
Tag:	Myc-DDK
Symbol:	PRLR
Synonyms:	HPRL; hPRLrI; MFAB; RI-PRLR
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC209266 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCCGCATCGCC

ATGAAGGAAAATGTGGCATCTGCAACCGTTTCTACTCTGCTACTTTTCTCAACACCTGCCTTCTGAATG
 GACAGTTACCTCCTGGAAAACCTGAGATCTTTAAATGTCGTTCTCCCAATAAGGAAACATTACCTGCTG
 GTGGAGGCCTGGGACAGATGGAGGACTTCTACCAATTATTCACTGACTTACCACAGGGAAGGAGAGACA
 CTCATGCATGAATGTCCAGACTACATAACCGTGGCCCCAACTCCTGCCACTTTGGCAAGCAGTACACCT
 CCATGTGGAGGACATACATCATGATGGTCAATGCCACTAACCAGATGGGAAGCAGTTTCTCGGATGAAC
 TTATGTGGACGTGACTTACATAGTTCAGCCAGACCTCCTTTGGAGCTGGCTGTGGAAGTAAACAGCCA
 GAAGACAGAAAACCTACCTGTGGATTAATGGTCTCCACCTACCCTGATTGACTTAAAACTGGTTGGT
 TCACGCTCCTGTATGAAATTCGATTAACCCGAGAAAGCAGCTGAGTGGGAGATCCATTTTCTGGGCA
 GCAAACAGAGTTTAAGATTCTCAGCCTACATCCAGGACAGAAATACCTTGTCCAGTTTCGCTGCAACCA
 GACCATGGATACTGGAGTGCATGGAGTCCAGCGACCTTATTTCAGATACCTAGTACTTACCATTGAATG
 ATACAACCGTGTGGATCTCTGTGGCTGTCTTTCTGCTGTCATCTGTTTGATTATTGTCTGGGCAGTGGC
 TTTGAAGGGCTATAGCATGGTGACCTGCATCTTCCGCCAGTTCTGGGCCAAAAATAAAGGATTTGAT
 GCTCATCTGTTGGAGAAGGGCAAGTCTGAAGAACTACTGAGTGCCTTGGGATGCCAAGACTTTCTCCCA
 CTTCTGACTATGAGGACTTGTGGTGGAGTATTTAGAAGTAGATAGTGAGGACCAGCATCTAATGTC
 AGTCCATTCAAAGAACCCCAAGTCAAGGTATGAAACCCACATACCTGGATCCTGACACTGACTCAGGC
 CGGGGGAGCTGTGACAGCCCTTCCCTTTTGTCTGAAAAGTGTGAGGAACCCAGGCCAATCCCTCCACAT
 TCTATGATCCTGAGGTCAATTGAGAAGCCAGAGAATCCTGAAACAACCCACACTGGGACCCCAAGTGCAT
 AAGCATGGAAGGCAAAATCCCTATTTTCATGCTGGTGGATCCAAATGTTCAACATGGCCCTTACCACAG
 CCCAGCCAGCACAACCCAGATCCTCTTACCACAATATTACTGATGTGTGTGAGCTGGCTGTGGGCCCTG
 CAGGTGCACCGGCCACTCTGTTGAATGAAGCAGGTAAGATGCTTTAAATCCTCTCAAACCATTAAGTC
 TAGAGAAGAGGGAAGGCAACCCAGCAGAGGGAGGTAGAAAGCTTCCATTCTGAGACTGACCAGGATACG
 CCCTGGCTGCTGCCCCAGGAGAAAACCCCTTTGGCTCCGCTAAACCTTGGATTATGTGGAGATTACA
 AGGTCAACAAAGATGGTGCATTATCATTGCTACCAAAACAGAGAGAGAACAGCGGCAAGCCCAAGAAGCC
 CGGACTCCTGAGAACAAATAAGGAGTATGCCAAGGTGTCCGGGTGATGATAACAACATCCTGGTGTG
 GTGCCAGATCCACATGCTAAAAACGTGGCTTGTCTTGAAGAATCAGCCAAAGAGGCCCCACCATCACTTG
 AACAGAATCAAGCTGAGAAAGCCCTGGCCAATTCCTGCAACATCAAGCAAGTGCAGGCTCCAGCTGGG
 TGGTTTGGATTACCTGGATCCCGCATGTTTTACACACTCCTTTAC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC209266 protein sequence
 Red=Cloning site Green=Tags(s)

MKENVASATVFTLLLFLNTCLLNGQLPPGKPEIFKCRSPNKETFTCWWRPGTDGGLPTNYSITYHREGT
 LMHECPDYITGGPNSCHFGKQYTSMWRTYIMMVNATNQMGSFSDELVDVITYIVQDPDPLELAVEVKQP
 EDKPYLWIKWSPPTLIDLKTGWFTLLYEIRLKPEKAAEWEIHFAGQQTFFKILSLHPGQKYLQVVRCKP
 DHGYSWAWSPATFIQIPSDFTMNDTTVWISVAVLSAVICLIIVWAVALKGYSMVTCIFPPVPGPKIKGFD
 AHLLEKKGSEELLALGQDFPPTSDYEDLLVEYLEVDDSEDQHLMSVHSKEHPSQGMKPTYLDPDTDG
 RGSCDSPSLSEKCEEPQANPSTFYDPEVIEKPEPETHHTWDPQCISMEGKIPYFHAGGSKCSTWPLPQ
 PSQHNPRSSYHNITDVCELAVGPAGAPATLLNEAGKDALKSSQTIKSREEGKATQQREVESFHSFETDQDT
 PWLLPQEKTPFGSAKPLDYVEIHKVNKGALSLLPKQRENSGPKPKPGTPENNKEYAKVSGVMNDNNILVL
 VPDPHAKNVACFEESAKEAPPSLEQNQAELANFTATSSKRLQLGGLDYLDPACTHSH

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:	AAV-2
ACCN:	NM_000949
ORF Size:	1866 bp
Buffer:	PBS with 0.001% Pluronic F6405
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_000949.2</u>
RefSeq Size:	11694 bp
RefSeq ORF:	1869 bp
Locus ID:	5618
UniProt ID:	<u>P16471</u>
Cytogenetics:	5p13.2
MW:	69.5 kDa