

Product datasheet for **RC209687A1V**

Human IL7R alpha (IL7R) (NM_002185) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human IL7R alpha (IL7R) (NM_002185) AAV Particle
Tag:	Myc-DDK
Symbol:	IL7R alpha
Synonyms:	CD127; CDW127; IL-7R-alpha; IL7RA; ILRA
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC209687 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGC**

ATGACAATTCTAGGTACAACCTTTTGGCATGGTTTTTTCTTTACTTCAAGTCGTTTCTGGAGAAAGTGGCT
 ATGCTCAAAATGGAGACTTGGAAGATGCAGAACTGGATGACTACTCATTCTCATGCTATAGCCAGTTGGA
 AGTGAATGGATCGCAGCACTCACTGACCTGTGCTTTTGAGGACCCAGATGTCAACATACCAATCTGGAA
 TTTGAAATATGTGGGGCCCTCGTGGAGGTAAAGTGCCTGAATTCAGGAACTACAAGAGATATATTTCA
 TCGAGACAAAGAAATTTACTGATTGGAAGAGCAATATATGTGTGAAGTTGGAGAAAAGAGTCTAAC
 CTGCAAAAAATAGACCTAACCACTATAGTTAAACCTGAGGCTCCTTTTGACCTGAGTGCATCTATCGG
 GAAGGAGCCAATGACTTTGTGGTGACATTTAATACATCACACTGCAAAAGAAGTATGTAAAGTTTAA
 TGCACGATGTAGCTTACCGCCAGGAAAAGGATGAAAACAAATGGACGCATGTGAATTTATCCAGCACAAA
 ACTGACACTCCTGCAGAGAAAGCTCAACCGGCAGCAATGTATGAGATTAAGTTTCGATCCATCCCTGAT
 CACTATTTTAAAGGCTTCTGGAGTGAATGGAGTCCAAGTTATTACTTCAGAACTCCAGAGATCAATAATA
 GCTCAGGGGAGATGGATCCTATCTTACTAACCATCAGCATTTTGAGTTTTTCTCTGTCGCTCTGTTGGT
 CATCTTGGCCTGTGTGTATGGAAAAAAGGATTAAGCCTATCGTATGGCCAGTCTCCCGATCATAAG
 AAGACTCTGGAACATCTTTGTAAGAAACCAAGAAAAATTTAAATGTGAGTTTCAATCCTGAAAGTTTCC
 TGGACTGCCAGATTCATAGGTGGATGACATTCAGCTAGAGATGAAGTGAAGGTTTTCTGCAAGATAC
 GTTTCCTCAGCAACTAGAAGATCTGAGAAGCAGAGGCTTGGAGGGATGTGCAGAGCCCCAACTGCCCA
 TCTGAGGATGTAGTCATCACTCCAGAAAGCTTTGGAAGAGATTCATCCCTCACATGCCTGGCTGGGAATG
 TCAGTGCATGTGACGCCCTATTCTCTCCCTTCCAGGTCCTAGACTGCAGGGAGAGTGGCAAGAATGG
 GCCTCATGTGTACAGGACCTCCTGCTTAGCCTTGGGACTACAAACAGCACGCTGCCCCCTCCATTTTCT
 CTCCAATCTGGAATCCTGACATTGAACCCAGTTGCTCAGGGTCAGCCCATTCTTACTTCCTGGGATCAA
 ATCAAGAAGAAGCATATGTACCATGTCCAGCTTCTACCAAACCCAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC209687 protein sequence
 Red=Cloning site Green=Tags(s)

MTILGTTFGMVFSLLQVVSAGESGYAQNGDLEAELDDYSFSCYSQLEVNQSQHSLTCAFEDPDVNITNLE
 FEICGALVEVKLNFRKLQEIFYIETKKFLLIGKSNICVKVGEKSLTCKKIDLTITVKPEAPFDLSVIYR
 EGANDFVVTFNSTHLQKKYVKVLMHVDVAYRQEKDENKWTNVNLSSTKLTLQKRLQPAAMYIEIKVRSIPD
 HYFKGFSEWSPSYFRTPEINNSSGEMDPILLTISILSFFSVALLVILACVLWKKRIKPIVWPSLPDHK
 KTLHLCKKPRKLNVSFNPESFLDCQIHRVDDIQRARDEVEGFLQDTFPQQLEESEKQRLGGDVQSPNCP
 SEDVITPESFGRDSSLTCLAGNVSACDAPILSPSRSLDCRESGKNGPHVYQDLLLSLGTNTSLPPPF
 LQSGILTLNPVAGQPIILSLGNSQEEAYVTMSSFYQNNQ

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:

NM_002185

ORF Size:

1377 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:	<u>NM_002185.2</u>
RefSeq Size:	4617 bp
RefSeq ORF:	1380 bp
Locus ID:	3575
UniProt ID:	<u>P16871</u>
Cytogenetics:	5p13.2
MW:	51.6 kDa