

Product datasheet for **RC206591A1V**

Human IL2 Receptor beta (IL2RB) (NM_000878) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human IL2 Receptor beta (IL2RB) (NM_000878) AAV Particle
Tag:	Myc-DDK
Symbol:	IL2 Receptor beta
Synonyms:	CD122; IL15RB; IMD63; P70-75
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC206591 ORF sequence

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

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCTGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGC**

ATGTCGGCCCTGCTCTGTCTGGCGTCTGCCCTCCTCATCTCTCTGCCCTGGCTACCTCTTGG
CATCTGCAGCGGTGAATGGCACTTCCAGTTCACATGCTTCTACAACCTCGAGAGCCAACATCTCTGTGT
CTGGAGCCAAGATGGGGCTCTGCAGGACACTTCTGCCAAGTCCATGCCTGGCCGGACAGACGGCGGTGG
AACCAAACCTGTGAGCTGCTCCCGTGAGTCAAGCATCTGGGCCTGCAACCTGATCTCGGAGCCCCAG
ATTCTCAGAAACTGACCACAGTTGACATCGTCACCTGAGGGTGCTGTGCCGTGAGGGGTGCGATGGAB
GGTGATGCCATCCAGGACTTCAAGCCCTTTGAGAACCTTCGCCTGATGGCCCCCATCTCCCTCCAAGTT
GTCCACGTGGAGACCCACAGATGCAACATAAGCTGGGAAATCTCCAAGCCTCCCCTACTTTGAAAGAC
ACCTGGAGTTTCGAGGCCGGACGCTGTCCCCAGGCCACCTGGGAGGAGGCCCCCTGCTGACTCTCAA
GCAGAAGCAGGAATGGATCTGCCTGGAGACGCTACCCCAGACCCAGTATGAGTTTCAGGTGCGGGTC
AAGCCTCTGCAAGGCGAGTTACGACCTGGAGCCCTGGAGCCAGCCCCTGGCCTTCAGGACAAAGCCTG
CAGCCCTTGGGAAGGACACCATCCGTGGCTCGGCCACCTCCTCGTGGGTCTCAGCGGGCTTTTGCTT
CATCATCTTAGTGTACTTGCTGATCAACTGCAGGAACACCGGGCCATGGCTGAAGAAGGTCTGAAGTGT
AACACCCAGACCCCTCGAAGTTCTTTCCAGCTGAGCTCAGAGCATGGAGGAGACGTCCAGAAGTGGC
TCTCTTCGCCCTTCCCCTCATCGTCTTCAGCCCTGGCGGCTGGCACCTGAGATCTCGCCACTAGAAGT
GCTGGAGAGGGACAAGGTGACGCAGCTGCTCTGCAGCAGGACAAGGTGCCTGAGCCCGCATCCTTAAGC
AGCAACCACTCGCTGACCAGCTGCTTACCAACCAGGGTTACTTCTTCTCCACCTCCCGGATGCCTTG
AGATAGAGGCCTGCCAGGTGTACTTTACTTACGACCCCTACTCAGAGAAAGACCTGATGAGGGTGTGC
CGGGGACCCACAGGGTGACTTCCCCCAACCCCTGCAGCTCTGTGAGGGAGGACGACGCCCTACTGCAC
TTCCCCCTCAGGATGACCTGCTGCTTCTCCCCAGTCTCCTCGGTGGCGGACGCCCCCTCAAGCACTG
CCCTGGGGGAGTGTGGGCGCGTGGAAGAGAGGATGCCCCCTTCTTTGCAAGAAAGAGTCCCCAGACATG
GGACCCCGAGCCCTGGGGCTCCACCCAGGAGTCCCAGACCTGGTGGATTTTCAGCCACCCCTGAG
CTGGTGTGCGAGAGGTGGGGAGGAGGTCCCTGACGCTGGCCCCAGGGAGGGAGTCAGTTTCCCCTGTT
CCAGGCCTCTGGGCAGGGGAGTTAGGGCCCTTAATGCTCGCTGCCCTGAACACTGATGCCTACTT
GTCCCTCCAAGAACTCCAGGTCAGGACCAACTCACTTGGT

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC206591 protein sequence

Red=Cloning site Green=Tags(s)

MAAPALSWRLPLLILLPLATSWASAAVNGTSQFTCFYNSRANISCVWSQDQALQDTSQCVHAWPDRRRW
NQTCELLPVSQASWACNLILGAPDSQKLTTVDIVTLRVLCREGVRVRVMAIQDFKPFENLRMAPISLQV
VHVETHRCNISWEISQASHYFERHLEFEARTLSPGHTWEAPLLTLKQKQEWICLETLPDQTQYEFQVRV
KPLQGEFTTWSQPLAFRTKPAALGKDTIPWLGHLVLGLSGAFGFIILVYLLINCRNTGPWLKKVLKC
NTPDPSKFFSQLSSEHGGDVQKWLSSPFPSSSPSPGGLAPEISPLEVLERDKVTQLLLQDKVPEPASLS
SNHSLTSCFTNQGYFFHLLPDALIEACQVYFTYDPYSEEDPDGAVAGERTGSSPQLQLQDGEDDAYCT
FNSRDDLTLFSPLLGGLSPSPPTAGGSGAGEERMPPSLQERVPRWDQDQPLGPPTGVPDLVDFQPPE
LVLREAGEEVPDAGPREGVSFPWSRPPGQGEFRALNARLPLNTDAYLSLQELQGDPTHLV

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:

NM_000878

ORF Size:	1653 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_000878.2</u>
RefSeq Size:	4050 bp
RefSeq ORF:	1656 bp
Locus ID:	3560
UniProt ID:	<u>P14784</u>
Cytogenetics:	22q12.3
MW:	61.1 kDa