

Product datasheet for **RR217103**

Il1rap (NM_001167840) Rat Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Il1rap (NM_001167840) Rat Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Il1rap
Synonyms:	IL-1RAcp; Il1racpb
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

**ORF Nucleotide
Sequence:**

>RR217103 representing NM_001167840
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGGACTTCCTTGGTGTGGTGTGAGTCTGTTCTTCTGTGGGATCCTGCAGAGTCACGCTTCCGAACGCT
 GTGATGACTGGGACTAGATACCATGCGACAAATCCAAGTGTGGTGAAGATGAGCCAGCTCGCATCAAGTG
 CCCCTCTTTGAACACTTCTTGAAGTACAACACTACAGCACTGCCATTCTCTGGACTTACCTGATCTGG
 TACTGGACCAGGCAAGACCGGGACCTGGAGGAGCCATTAATTTCCGCCTTCCAGAGAATCGCATCAGTA
 AGGAGAAAAGATGTGCTCTGGTCCGGCCACCCTCCTCAATGACACGGGCAATTACACCTGCATGTTGAG
 GAACACGACTTACTGCAGCAAAGTTGCATTTCCCTGGAAGTTGTTCAGAAGGACAGCTGTTTCAATTCC
 CCCATGAGACTCCAGTGCACAGGCTGTATATTGAACAGGGTATTCACAATATCACGTGTCCAAATGTAG
 ATGGATATTTTCTTCCAGTGTCAAACCATCGGTCACTTGGTATAAGGGTGTACTGAAATAGTGAATTT
 TCATAATGTTCAACCAAGGGCATGAACCTTGAGTTTTTTCATCCCCTTGGTATCAAATAACGGAAATTAC
 ACATGTGTGGTGACGTATCTGAAAACGGACGGCTCTTTCACCTACCAGGACTATGACTGTAAAGGTGG
 TAGGCTCACCAAAGGATGCACTACCACCTCATATCTACTCGCAAATGACCGCGTGTCTATGAGAAGGA
 ACCAGGAGAGGAGTTGGTTATCCCTGTAAAGTCTATTTCACTTTCATTATGGACTCTCACAAATGAGATC
 TGGTGGACCATTGATGAAAAGAAGCCTGATGACGTCCCTGTTGACATCACTATTAATGAAAGCGTAAGTT
 ATCTTCAACGGAAGATGAGACAAGGACTCAGATTTTGGAGCATCAAGAAAGTCAACCTGAGGATCTGAA
 GCGCAACTATGTCTGTACGCTCGAAATGCCGAAGGGGAGCCGAGCAAGCAGCAAGGTGAAACAGAAA
 GTCATACCGCAAGGTACACAGTAGAAGTCCGCTGTGGTTTTGGAGCCACAGTCTTTCTGGTGGTGGTTC
 TCATCGTGGTTTTACCACGTTTTACTGGTGGAGATGGTCCCTTTTTACCGGGCTCATTTTGGAACGGATGA
 AACAAATCTTGATGAAAAGAATATGATATTTATGTTTTCTATGCAAGAAATGCAGAAGAAGAGGAGTTT
 GTGCTGCTGACACTACGTGGAGTTTTGGAGAATGAGTTCGGATACAAGCTGTGCATCTTCGACAGGGACA
 GCCTCCCTGGGGGAAATACGGTGGAAAGCAGTGTGGATTTCACTCAGCGGAGCCGAAGGATGATTGTTGT
 CCTGAGCCAGACTATGTGACAGAAAAGAGCATCAGTATGCTGGAGTTAAGCTGGGTGTCATGTGCCAG
 AACTCCATTGCCACTAAGCTCATTGTGGTGGAGTACCGTCCGCTTGGCAACCCACCCAGGCATTATGC
 AGCTGAAAGAGTCTGTGCTTTTCGTAAGCTGGAAGGGAGAAAAGTCCAAACATTCTGGCTCCAAGTTCTG
 GAAGGCCCTTGGCTTGGCTCTTCCCTGAGAAGTCTGAGCGCCAGCTCCGTTGGAATGAGAGCTGTTCT
 TCTCAGTCTGACATCAGTCTGGATCATGTTGAGAGGAGAAGTCTGTTTGAAGAGCCCCAGAACTTCAA
 GCTCAGAGAGGGTGTCTGGAGCAGCGCCAGCCCCGGGCACCATATCCAAGCACCGAGGCAAGCCCTCGGC
 AGCCTGTGCTGTGTGTGACCTACTGTGAAGGAGAAAAGTCACTCAGGAGCAAGAGCCGGGCAGAGATG
 CACACCCATCCCCAATGGGAAACACACCTCTGTAAAGCCTGATCTCCAAGAGTCTGAAAGTCAAGTGGATC
 AAAATGGCACCAGACCCGAACCCGCTCCCGAGATCTCAGTCTTGCACCTCCGCCATTTTACAGATTTATC
 CAATAACAATGACTTTTTATTTCTA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >RR217103 representing NM_001167840
Red=Cloning site Green=Tags(s)

MGLPWCLMSLFFCGILQSHASERCDDWGLDTMRQIQVFEDEPARIKCPLFEHFLKYNSTAHSSGLTLIW
 YWTRQDRDLEEFINFRLENRISKEKDVLFWRPTLLNDTGNYTCLRNNTTYCSKVAFPLEVVQKDSFCNS
 PMRLPVHRLYIEQGIHNITCPNVDGYFPSSVKPSVTWYKGCETIVNFHNVQPKGMNLSFFIPLVSNNGNY
 TCVVTYLENGRFLHLTRTMTVKVVGSPKDAVPPHIYSPNDRVVYEKEPGEELVIPCKVYVFSFIMDSHNEI
 WWTIDGKKPDDVPVDITINESVSYSTEDERTQILSIKKVTPEDLKRNYYCHARNAEGEAEQAQAKVKQK
 VIPPRYTVELACFGATVFLVVVLIVVYHVWLEMLVLFYRAHFGTDEITLDGKEYDIYVSYARNAEEEEEF
 VLLTLRGVLENEFGYKLCIFDRDSLPGGNTVEAVDFDIQRSRMIVVLSPDYVTEKSISMLEFKLVGMCQ
 NSIATKLI VVEYRPLEQPHPGIMQLKESVSFVSWKGEKSKHSGSKFWKALRLALPLRSLASSGWNEESC
 SQSDISLDHVQRRSRLKEPPELQSSSERVSGAAPAPGTISKHRGKPSAACRCCVTYCEGESHLRKSRAEM
 HTHPQWETHLCKPDLQESSEQWIQNGTRPEPAPQISALALRHFTDL SNNDFYIL

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:

SgfI-MluI

Cloning Scheme:



ACCN: NM_001167840

ORF Size: 2055 bp

OTI Disclaimer: The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

Components: The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).

Reconstitution Method:

1. Centrifuge at 5,000xg for 5min.
2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.
3. Close the tube and incubate for 10 minutes at room temperature.
4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.
5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.

RefSeq: [NM_001167840.1](#), [NP_001161312.1](#)

RefSeq Size: 2852 bp

RefSeq ORF: 2058 bp

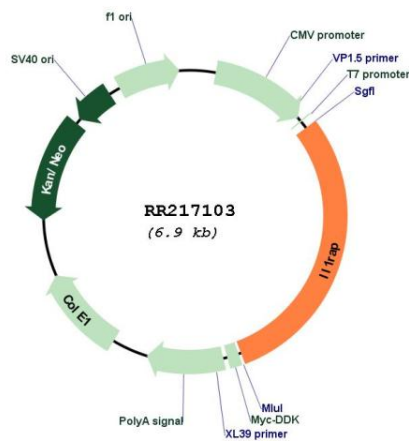
Locus ID: 25466

Cytogenetics: 11q22

MW: 78.4 kDa

Gene Summary: facilitates the binding between interleukin-1 and its receptor [RGD, Feb 2006]

Product images:



Circular map for RR217103