

Product datasheet for **RN217103**

Il1rap (NM_001167840) Rat Untagged Clone

Product data:

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



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Fully Sequenced ORF: >RN217103 representing NM_001167840
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGGGACTTCCTTGGTGTGGTGTGAGTCTGTTCTTCTGTGGGATCCTGCAGAGTCAACGCTCCGAACGCT
 GTGATGACTGGGACTAGATACCATGCGACAAATCCAAGTGTGGAAGATGAGCCAGCTCGCATCAAGTG
 CCCCTCTTTGAACACTTCTTGAAGTACAACACTACGACTGCCCATTCCTCTGGACTTACCTGATCTGG
 TACTGGACCAGGCAAGACCGGGACCTGGAGGAGCCATTAATTTCCGCCTTCCAGAGAATCGCATCAGTA
 AGGAGAAAAGATGTGCTCTGGTCCGGCCACCCTCCTCAATGACACGGGCAATTACACCTGCATGTTGAG
 GAACACGACTTACTGCAGCAAAGTTGCATTTCCCTGGAAGTTGTTCAGAAGGACAGCTGTTTCAATTCC
 CCCATGAGACTCCAGTGCACAGGCTGTATATTGAACAGGGTATTACAATATCACGTGTCCAAATGTAG
 ATGGATATTTTCCCTCCAGTGTCAAACCATCGTCACTTGGTATAAGGGTGTACTGAAATAGTGAATTT
 TCATAATGTTCAACCCAAGGGCATGAACCTTGAGTTTTTTCATCCCTTGGTATCAAATAACGGAAATTAC
 ACATGTGTGGTACGATATCTGAAAACGGACGGCTCTTTCACCTACCAGGACTATGACTGTAAAGGTGG
 TAGGCTACCAAAGGATGCAGTACCACCTCATATCTACTCGCAAATGACCGCGTGTCTATGAGAAGGA
 ACCAGGAGAGGAGTTGGTTATCCCTGTAAAGTCTATTTCAAGTTTCATTATGGACTCTACAATGAGATC
 TGGTGGACCATTGATGAAAAGAAGCCTGATGACGTCCCTGTTGACATCACTATTAATGAAAGCGTAAGTT
 ATCTTCAACGGAAGATGAGACAAGGACTCAGATTTTGAGCATCAAGAAAGTCAACCTGAGGATCTGAA
 GCGCAACTATGTCTGTACGCTCGAAATGCCGAAGGGGAGCCGAGCAAGCAGCAAGGTGAAACAGAAA
 GTCATACCGCCAAGGTACACAGTAGAAGTCCGCTGTGGTTTTGGAGCCACAGTCTTTCTGGTGGTGGTTC
 TCATCGTGGTTTTACCACGTTTTACTGGCTGGAGATGGTCCCTTTTTACCGGGCTCATTTTGGAACGGATGA
 AACAAATCTTGATGAAAAGAATATGATATTTATGTTTTCTATGCAAGAAATGCAGAAGAAGAGGATTT
 GTGCTGTGACACTACGTGGAGTTTTGGAGAATGAGTTCCGGATACAAGCTGTGCATCTTCGACAGGGACA
 GCCTCCCTGGGGGAAATACGGTGGAAAGCAGTGTGTTGATTTCACTCAGCGGAGCCGAAGGATGATTGTTGT
 CCTGAGCCAGACTATGTGACAGAAAAGAGCATCAGTATGCTGGAGTTAAGCTGGGTGTCATGTGCCAG
 AACTCCATTGCCACTAAGCTCATTGTGGTGGAGTACCGTCCGCTTGAGCAACCCACCCAGGCATTATGC
 AGCTGAAAGAGTCTGTGCTTTTCGTAAGCTGGAAGGGAGAAAAGTCCAAACATTCTGGCTCCAAGTTCTG
 GAAGGCCCTTGGCTTGGCTTTCCCTGAGAAGTCTGAGCGCCAGCTCCGTTGGATGAGAGCTGTTCT
 TCTCAGTCTGACATCAGTCTGGATCATGTTGAGAGGAGAAGTCTGTTTGAAGAGCCCCAGAAGTTCAA
 GCTCAGAGAGGGTGTCTGGAGCAGCGCCAGCCCCGGGCACCATATCCAAGCACCGAGGCAAGCCCTCGGC
 AGCCTGTGCTGTGTGTGACCTACTGTGAAGGAGAAAAGTCACTCAGGAGCAAGAGCCGGGCAGAGATG
 CACACCCATCCCCAATGGGAAACACACCTCTGTAAAGCCTGATCTCCAAGAGTCTGAAAGTCAAGTGGATC
 AAAATGGCACCAGACCCGAACCCGCTCCCCAGATCTCAGTCTTGCACCTCCGCCATTTTACAGATTTATC
 CAATAACAATGACTTTTTATTCTA**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001167840

Insert Size: 2058 bp

OTI Disclaimer: Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).

OTI Annotation:	Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
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:	<ol style="list-style-type: none">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:	<u>NM_001167840.1</u> , <u>NP_001161312.1</u>
RefSeq Size:	2852 bp
RefSeq ORF:	2058 bp
Locus ID:	25466
Cytogenetics:	11q22
Gene Summary:	facilitates the binding between interleukin-1 and its receptor [RGD, Feb 2006]