

Product datasheet for **RN213032**

Il1rap (NM_012968) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Il1rap (NM_012968) 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: >RN213032 representing NM_012968
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGGGACTTCCTTGGTGTGGTGTGAGTCTGTTCTCTGTGGGATCCTGCAGAGTCACGCTCCGAACGCT
GTGATGACTGGGACTAGATACCATGCGACAAATCCAAGTGTGGAAAGATGAGCCAGCTCGCATCAAGTG
CCCCCTCTTTGAACACTTCTTGAAGTACAACACTACAGCACTGCCCATTCCTCTGGACTTACCTGATCTGG
TACTGGACCAGGCAAGACCGGGACCTGGAGGAGCCATTAATTTCCGCCTCCAGAGAATCGCATCAGTA
AGGAGAAAAGATGTGCTCTGGTCCGGCCACCCTCCTCAATGACACGGGCAATTACACCTGCATGTTGAG
GAACACGACTTACTGCAGCAAAGTTGCATTTCCCTGGAAGTTGTTCAGAAGGACAGCTGTTCAATTCC
CCCATGAGACTCCAGTGCACAGGCTGTATATTGAACAGGGTATTCACAATATCACGTGTCCAAATGTAG
ATGGATATTTCCCTCCAGTGTCAAACCATCGGTCACTTGGTATAAGGGTGTACTGAAATAGTGAATTT
TCATAATGTTCAACCCAAGGGCATGAACCTTGAGTTTTTTCATCCCCTTGGTATCAAATAACGGAAATTAC
ACATGTGTGGTGACGTATCTGAAAACGGACGGCTCTTTCACCTACCAGGACTATGACTGTAAAGGTGG
TAGGCTACCAAAGGATGCAGTACCACCTCATATCTACTCGCAAATGACCGCGTGTCTATGAGAAGGA
ACCAGGAGAGGAGTTGGTTATCCCTGTAAAGTCTATTTCAAGTTTCATTATGGACTCTCACAATGAGATC
TGGTGGACCATTGATGAAAAGAAGCCTGATGACGTCCCTGTTGACATCACTATTATTGAAAGCGTAAGTT
ATCTTCAACGGAAGATGAGACAAGGACTCAGATTTTGAGCATCAAGAAAGTCACCCCTGAGGATCTGAA
GCGCAACTATGTCTGTACGCTCGAAATGCCGAAGGGGAAAGCCGAGCAAGCAGCCAAGGTGAAACAGAAA
GTCATACCGCCAAGGTACACAGTAGAACTCGCCTGTGGTTTTGGAGCCACAGTCTTCTGGTGGTGGTTC
TCATCGTGGTTTTACCACGTTTACTGGCTGGAGATGGTCCTTTTTACCGGGCTCATTTTGGACGGATGA
AACAAATCTTGACGAAAAGAATATGATATTTATGTTTCCCTATGCAAGAAATGCAGAAGAAGAAGATTT
GTGCTGCTGACACTACGTGGAGTTTTGGAGAATGAGTTCGGATACAAGCTGTGCATCTTCGACAGGGACA
GCTTCCCTGGGGAAATTGTCACAGATGAGACCCTGAGCTTCATTGAGAAAAGCAGACGACTCCTGGTGTG
CCTAAGCCCCAACTACGTGCTCCAGGGAACACAAGCCCTCCTGGAGCTCAAGGCTGGCCTAGAAAATATG
GCCTCCCGGGGCAACATCAACGTCATTTTAGTGCAGTACAAGCTGTGAAGGACTTGAAGGTGAAAGAGC
TGAAGCGGGCTAAGTCGGTGTCCACCGTCATTAATGAAAGGGGAGAAATCCAAGTATCCTCAGGGCAG
GTTCTGGAAGCAGCTGCAGGTGGCCATGCCAGTGAAGAAGAGTCCAGGTGGTCTAGCAGTGACAAGCAG
GGTCTCTCTACTCATCCCTGAAAACGT**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_012968
Insert Size: 1713 bp

OTI Disclaimer: Due to the inherent nature of this plasmid, standard methods to replicate additional amounts of DNA in E. coli are highly likely to result in mutations and/or rearrangements. Therefore, OriGene does not guarantee the capability to replicate this plasmid DNA. Additional amounts of DNA can be purchased from OriGene with batch-specific, full-sequence verification at a reduced cost. Please contact our customer care team at custsupport@origene.com or by calling 301.340.3188 option 3 for pricing and delivery.

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).

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_012968.1](#), [NP_037100.1](#)

RefSeq Size: 1862 bp

RefSeq ORF: 1713 bp

Locus ID: 25466

UniProt ID: [Q63621](#)

Cytogenetics: 11q22

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