

Product datasheet for **RR217104**

Il1rapl2 (NM_001166342) Rat Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Il1rapl2 (NM_001166342) Rat Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Il1rapl2
Synonyms:	RGD1561761
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

ORF Nucleotide Sequence:

>RR217104 representing NM_001166342
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGAAGCTGCCACTTCTTCTGGCCCTGGTGGTCTGTTCTGCAGTCAGTACAAATTTGAAGATGGTTTCAA
 AGAGAAATTCGTGGATGGCTGCATCGATTGGTCGGTGGATCTCAAGACCTACATGGCTTTGGCAGGTGA
 ACCTGTCCGAGTGAAATGTGCGCTTTTCTACAGTTATATCCGCACCAACTATAGCATGGCCAGAGTACC
 GGGCTCCGGCTCATGTGGTACAGAAACAAAGGGGACTTGAAGAGCCCATCATCTTTTCAGAGGTGAGGA
 TGAGCAAAGAGGAAGATGCCATATGGTTTCACTCAGCTGAGGCACAAGACAGTGGATTCTACACTTGTGT
 TCTAAGAACTCCACATACTGCATGAAGGTGTCAATGTCCTTGACTGTTGCAGAGAATGAATCTGGCCTG
 TGCTACAATAGCAGGATCCGCTACTTAGAGAACTGAAGTTACTAAACGAAAGGAGATCTCCTGCCAG
 ACATGGATGACTTTAAGAAGTCTGATCAGGAACCTGATGTTGTATGGTACAAGGAATGCAAGCCAAAAAT
 GTGGAGAAGCATAATAATACAGAAGGAAATGCTCTTCTCATCCAAGAAGTTCAAGAAGAAGATGGAGGA
 AACTATACATGTGAACCTAAGTATGAAGGGAACTTGAAGGCGAACAACAGAATTTAAAGTTACAGCTT
 TACTCACAGACAAGCCTCCCAAGCCATTGTTCCCATGGAAAATCAGCCAAGTGTATAGATGTCCAGCT
 GGGTAAACCTCTGAACATCCCTTGCAAAGCTTTCTTTGGATTCACTGGGGAGTCTGGACCAATGATCTAC
 TGGATGAAAGGCGAGAAATTTATTGAAGAATGGCAGGTCACTTAGAGAAGGTGAAATAAGGCTCCTCA
 AAGAACATCTTGGAGAAAAAGAAGTTGAATTGACCCTTATCTTTGACTCAGTGGTAGAAGCTGACTTGGC
 TAATTACACTTGGCATGTGGAACAGAAACGGACGGAACATGCCAGTGTTTTACTTCGGAAAAAGGAT
 TTAATCTACAAAATGAGCTTGCAGGGGGCCTGGGAGCAATCTTCTGCTGCTTATACTGCTGCTGGTGG
 TCTACAAGTGCTACAACATAGAAGTATGCTTTTCTACCGACAGCGTTTTGGAGGTGATGAAACTACTGA
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 TCATCCAGAAAGGGATCTGATTCGAAGTGAACATATATTGAAGATCTCACAAGATGTGTTGAGCAAAG
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 GGAAGGTGAATTGCCCGAAGTGAATCACTAAAGCACAACTCAAACTCTGTCACTGATCAAGTGGAA
 GGGACCCAAAAGCAGCAAGTTAAATTTAAGTTTTGGAAGCACTTAGTGTATGAAATGCCCATCAAGAAA
 AAAGAAATGCTATCCCACTGCCATGTTCTAGACTCTGCAGAACAGGGGCTTTTTGGAGAGCTTCAGCCTA
 TACCTTCCATTGCCATGACAAGTACCTCAGCCACAATGGTGCCATCGCAAGCTGATCTCCCTGAGTTCCA
 CCATTCGGATTCAATGCAATGAGGCAGTGTGACAGGATACAAACATGAGATGCCAGCCAACACCCTG
 TCAGTACCCTCCTTAGGCAACCACCACACTTACTGTAACCTTGGCACTAACACTACTCAATGGACAGCTAC
 CCCTTAATAATTCCTTAAAGAGACTGAGGAACCTTCAAGGAACAATCCCTTACTACCATTATCATCCAA
 AGAGCTTAGCTTCACAAGTATTTGG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >RR217104 representing NM_001166342
Red=Cloning site Green=Tags(s)

MKLPLLLALVVCSAVSTNLKMVSKRNSVDGICIDWSVDLKTMYMALAGEPVRVKCALFYSYIRTNYSMAQST
 GLRLMWYRNKGDLEEIIFSEVRMSKEEDAIWFHSAEAQDSGFYTCVLRNSTYCMKVSMSTLVAENESGL
 CYNRSRIRYLEKSEVTKRKEISCPDMDDFKKSQDEPDVVWYKECKPKMWSRIIQKGNALLIQEVQEEEDGG
 NYTCELKYEGLVRRTTELKVTALLTDKPPKPLFPMENQPSVIDVQLGKPLNIPCKAFFGFGSGESGPMIY
 WMKGEKFIIELAGHIREGEIRLLKEHLGEKEVELTLIFDSVVEADLANYTCHVENRNGRKHASVLLRKKD
 LIYKIELAGLGAIFLLILLVYKCYNIELMLFYRQRFGGDETTDDNKEYDAYLSYTKVDQDTLDCDN
 TEEEQFALEILPDVLEKHYGYKLFIPERDLIPSGTYIEDLTRCQEQRRLIIVLTPDYILRRGWSIFELE
 SRLHNMLVSGEIKVILIECTELKGVNCPVEVSLKHNIKLLSLIKWGPKSSKLNKSKFWKHLVYEMPIKK
 KEMLSHCHVLDSAEQGLFGELQIPSIAMTSTSATMVPSQADLPEFHSDSMQMRHCCRQYKHEMPANTL
 SVPSLGNHHTYCNLPLTLNQLPLNNSLKETEELSRNNPLLPLSSKELSFTSDI

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:

SgfI-MluI

Cloning Scheme:



ACCN: NM_001166342

ORF Size: 2058 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_001166342.1](#), [NP_001159814.1](#)

RefSeq Size: 3326 bp

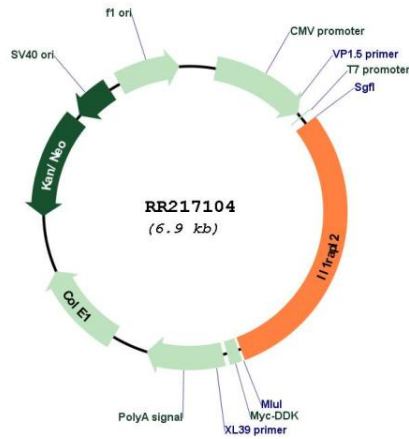
RefSeq ORF: 2061 bp

Locus ID: 300913

Cytogenetics: Xq32

MW: 78.7 kDa

Product images:



Circular map for RR217104