

Product datasheet for **RR200411**

Il1r1 (NM_013037) Rat Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Il1r1 (NM_013037) Rat Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Il1r1
Synonyms:	Fit-1; FIT1; St2
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
ORF Nucleotide Sequence:	>RR200411 representing NM_013037 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGATTGGCAAATGGAGAATGGGGCTTTGGGCTTTGGCAATTCTGACAGTCCCATGTATTTTCATAGTGA
CAGAGGGCAGAAAACATCCTGGGGTCTAGAAAACGAGGCTTTAATTGTCAGATGCCCCAAAGAGGAGG
TGCGATTAACCCGTGGAATGGTATTATTCAAATACAAATGAAAGAATTCCTACTCAAAGAGAAATCGG
ATCTTCGTCTCAAGAGATCGTCTGAAGTTCTACCAGCCAAAGTGAAGACTCTGGGATTATACGTGTG
TTATCAGAAGCCCTGAATCGATTAAGACCGGATCTTTGAATGTCACCATATATAAAAGACCACAAACTG
CAAATCCCTGATTACATGATGTAAGTACTCGACAGTAGATGGATCAGATAAAAATTCGAAGATAACATGTCCA
ACAATTGCCTTGATAATTGGACAGCGCCTGTTTCAGTGGTTTAAAGAACTGCAAAGCTCTCCAAGGGCCAA
GGTTCAGGGCACACATGTCCTATTTGTTTCATTGACAAAGTGAATCATGTTGATGAAGGTGACTACACATG
TCGATTCCTCACACGGAGAACGAACCAATTACATTGTGACTGCCACCAGATCATTACAGTTGAAGAA
AAAGGCTTCTCTACATTTCCAGTAATTACAAACCCTCCACACAACACTACACAGTGAAGTGAAGTAAAGAA
AAACAGCAAACATTGCCTGCTCAGCTTGGTTCAGTTCAGTTCAGTTCAGTTCAGTTCAGTTCAGTTCAGTTC
TAACAAAACGAGAATTGGATCTTTTGGCAAAGCAAGAATTCAAGAAGAGAAAGGCCCAAATAAAAGTTCC
AGCAATGGCATGATTTGCTTAACCTCACTGTTAAGGATAACTGGTGTGACCGACAAGGACTTCTCCCTGA
AATATGACTGTGTGGCCATGAACCATCACGGAGTGATAAGGCACCCCGTAAGACTGAGAAGGAAACAACC
AAGTAAGGAGTGTCTCTCACAAATTGCT

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence: >RR200411 representing NM_013037
Red=Cloning site Green=Tags(s)

MIGKWRMGLWALAILTPMYFIVTEGRKTSWGLENEALIVRCPQRGGA INPVEWYYSNTNERIPTQKRNR
 IFVSRDLKFLPAKVEDSGIYTCVIRSPESIKTGSLNVTIYKRPPNCKIPDYMMYSTVDGSDKNSKITCP
 TIALYNWTAPVQWFKNCKALQGPRFRAHMSYLFIDKVVSHVDEGDYTCRFTHTEGNTNYIVTATRSFVVEE
 KGFSTFPVITNPPHNYTVEVEIGKTANIACSACFGTASQFVAVLWQINKTRIGSF GKARIQEEKGP NKSS
 SNGMICLTSLLRITGVTDKDFSLKYDCVAMNHGVI RHPVRLRRKQPSKECLSQIA

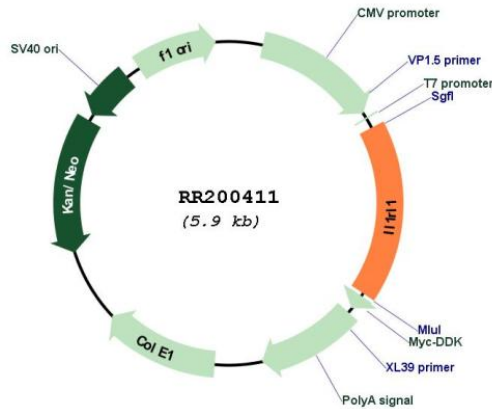
TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI

Cloning Scheme:



Plasmid Map:



ACCN: NM_013037

ORF Size: 1008 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:	<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:	NM_013037.1 , NP_037169.1
RefSeq Size:	2586 bp
RefSeq ORF:	1011 bp
Locus ID:	25556
UniProt ID:	Q62611
Cytogenetics:	9q22
MW:	38.1 kDa
Gene Summary:	may be involved in modulating IL-1 signaling [RGD, Feb 2006]