

Product datasheet for RR215972

II17b (NM_053789) Rat Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: II17b (NM_053789) Rat Tagged ORF Clone
Tag: Myc-DDK
Symbol: II17b
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
ORF Nucleotide Sequence: >RR215972 representing NM_053789
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGGACTGGCCACACAGCCTGCTCTTCTTCTTGCCATCTCCATCTTCTGTTGCCAAGCCAGCCCCGGA
ACACAAAGGCCAAAAGGAAGGGCAAGGGAGGCCCTGGCCCCTTGCCCCCTGGGCCCTCACCAGGTGCCGCT
GGACCTGGTGTCTCGAGTAAAGCCCTACGCCGAATGGAAGAGTACGAGAGGAACCTTGGCGAGATGGTG
GCCCAGCTGAGGAACAGCTCTGAGCCAGCCAAGAAGAAGTGTGAAGTCAACTTGCAGCTGTGGTTATCCA
ACAAGAGAAGCCTGTCTCCCTGGGGCTACAGCATCAATCACGACCCAGCCGCATCCCGGAGGACTTGCC
TGAGGCGCGGTGCCTATGTTTGGTTGCGTGAACCCCTTACCATGCAGGAGGACCGTAGCATGGTGAAG
GTGCCAGTGTTTACGCCAGGTGCCAGTGCGCCGCCCTCTGTCCGCAACCTCCTCGGCCCGGCCCTGCC
GCCAGCGTGTTCATGGAGACCATCGCTGTGGTTGCACCTGCATCTTC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >RR215972 representing NM_053789
Red=Cloning site Green=Tags(s)

MDWPHSLLFLLAISIFLVPSQPRNTKGRKQGGRGPLAPGPHQVPLDLVSRVKPYARMEEYERNLGEMV
AQLRNSSEPAKKKCEVNLQLWLSNKRSLSPWGYSINHDPSTRIPEDLPEARCLCLGCVNPFMTQEDRSMVS
VPVFSQVPVRRRLCPQPPRPGPCRQVRVMMETIAVGCTCIF

TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI

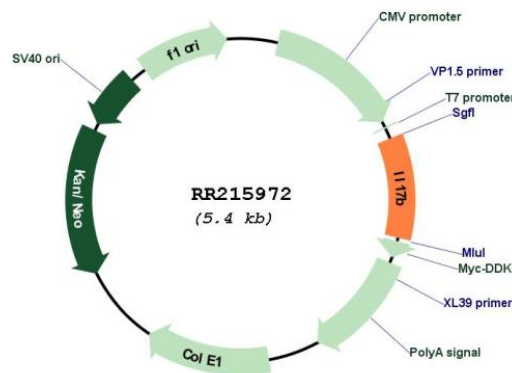


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Cloning Scheme:



Plasmid Map:



ACCN: NM_053789

ORF Size: 540 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:	<u>NM_053789.1, NP_446241.1</u>
RefSeq Size:	688 bp
RefSeq ORF:	543 bp
Locus ID:	116472
Cytogenetics:	18q12.1
MW:	20.4 kDa
Gene Summary:	human homolog is a T cell-derived cytokine that may be involved in the proinflammatory response [RGD, Feb 2006]