

## Product datasheet for **RR202424**

### II18 (NM\_019165) Rat Tagged ORF Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** II18 (NM\_019165) Rat Tagged ORF Clone  
**Tag:** Myc-DDK  
**Symbol:** II18  
**Synonyms:** IL-18  
**Mammalian Cell Selection:** Neomycin  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**ORF Nucleotide Sequence:** >RR202424 representing NM\_019165  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGATCGCC**

ATGGCTGCCATGTCAGAAGAAGGCTCTTGTGTCAACTTCAAAGAAATGATGTTTATTGACAACACACTTT  
 ACCTTATACCTGAAGATAATGGAGACTTGGAAATCAGACCACTTTGGCAGACTTCACTGTACAACCGCAGT  
 AATACGGAGCATAAATGACCAAGTTCTCTCGTTGACAAAAGAAACCCGCTGTGTCGAGGACATGCCT  
 GATATCGACCGAACAGCCAACGAATCCCAGACCAGACTGATAATATATGTACAAGATAGTGAAGTAA  
 GAGGACTGGCTGTGACCCTATCTGTGAAGGATGGAAGGATGTCTACCCTCTCTGTAAAAACAAAATCAT  
 TTCCTTTGAGGAAATGAATCCACCTGAAAATATTGATGATATAAAAAGTATCTCATATTCTTTAGAAA  
 CGTGTGCCAGGACACAACAAAATGGAATTTGAATCTTCCCTGTATGAAGGACACTTCTAGCTTGCCAAA  
 AGGAAGATGATGCTTTCAAACCTGTTTTGAAAAGGAAGGATGAAAATGGGGATAAATCTGTAATGTTTAC  
 TCTTACTAACTTACATCAAAGT

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:** >RR202424 representing NM\_019165  
 Red=Cloning site Green=Tags(s)

MAAMSEEGSCVNFKEMMFIDNTLYLIPEDNGDLESDFGRLHCTTAVIRSINDQVLFVDKRNPPVFDMP  
 DIDRTANESQTRLIIYMYKDSEVRGLAVTLVSKDGRMSTLSCKNKIISFEEMNPPENIDDIKSDLIFFQK  
 RVPGHNKMEFESSLYEGHFLACQKEDDAFKLVLRKRDENGDKSVMFTLTNLHQS

**TRTRPLEQKLI**SEEDLAANDILDYKDDDDKV



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**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\\_019165.1](#), [NP\\_062038.1](#)

**RefSeq Size:** 722 bp

**RefSeq ORF:** 585 bp

**Locus ID:** 29197

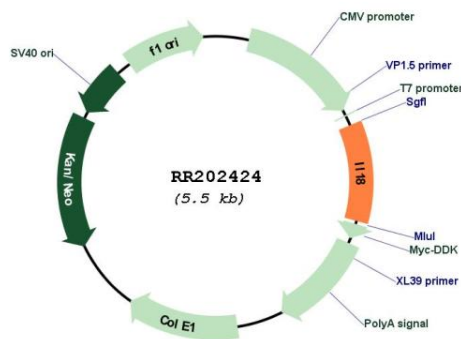
**UniProt ID:** [P97636](#)

**Cytogenetics:** 8q23

**MW:** 22.3 kDa

**Gene Summary:** a pro-inflammatory cytokine; acts as a modulator of immune functions [RGD, Feb 2006]

**Product images:**



Circular map for RR202424