

Product datasheet for **RN207225**

Il6r (NM_017020) Rat Untagged Clone

Product data:

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|--------------------|-------------------------------------|
| Product Type: | Expression Plasmids |
| Product Name: | Il6r (NM_017020) Rat Untagged Clone |
| Tag: | Tag Free |
| Symbol: | Il6r |
| Synonyms: | IL6R1; Il6ra |
| Vector: | pCMV6-Entry (PS100001) |
| E. coli Selection: | Kanamycin (25 ug/mL) |
| Cell Selection: | Neomycin |



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Fully Sequenced ORF: >RN207225 representing NM_017020
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGCTGGCCGTCGGCTGCACCCTGCTGGTGCACCCTGCTGGCCGCGCCCGCAGTCGCGCTGGTCTTGGGA
 GCTGCCGCGCGCTGGAGGTGGCAAATGGTACGGTGACGAGCCTGCCAGGGGCCACTGTTACCCTGATCTG
 CCCTGGGAAGGAAGCAGCAGGCAATGCTACCATTCACTGGGTGTAAGCTCAGGCTCAGAGCAGAGAATGG
 ACTACCACGGGAAACACACTGGTTCTGAGGGCCGTGCAGGTCAACGACACTGGGCACTATTTGTGCTTCC
 TGGATGATCATCTGGTTGGGACTGTGCCCTTGTGGTGGATGTTCCCCAGAGGAGCCAAAGCTCTCCTG
 CTTCCGGAAGAACCCCTTGTAAATGCCTTTTGTGAGTGGCATCCAAGCAGCACTCCCTCTCAACCACG
 AAGGCTGTGATGTTTCAAAGAAAATCAACACCACCAATGGGAAGAGTGACTTCCAGGTGCCTTGCCAGT
 ATTCTCAGCAGTGAAAAGCTTCTCCTGCGAGGTGGAGATCCTGGAGGGTGACAAAGTGTACCACATAGT
 GTCAGTGTGCGTTGCAAACAGTGTGGAAGCAGGTCCAGCCACAATGTAGTATTTTCAGAGTTAAAAATG
 GTCAGCCGGATCCACCTGCCAACCTTGTGGTATCAGCCATACCTGGAAGGCCTCGTTGGCTCAAAGTCA
 GTTGGCAAGACCCTGAGTCTGGGACCCAAGTTACTACTTGTGCAATTCGAGCTTCGATACCGACCTGT
 ATGGTCAAAGACGTTACGGTGTGGCCGCTCCAGGTGGCCAGCATCAATGTGTCATCCATGATGCCTTG
 CGAGGAGTAAAGCATGTGGTGCAGGTCCGAGGGAAGGAGGAGTTTGACATTGGCCAGTGGAGCAAATGGT
 CCCCAGGAGTACAGGCACTCCTTGGCTAGCAGAGCCAGGACCACTCCGGCAGGGATCCCGGGAAACCC
 CACACAGTCTCTGTTGAAGACTATGACAACCACGAGGATCAGTACGGAAGTTCTACAGAAGCAACGAGT
 GTCCTCGCCCCAGTGAAGGATCCTCGCCTATACCCCTGCCACATTCTGGTAGCTGGAGGAAGCCTGG
 CGTTTGGATTGCTTCTGTGTCTTCATCATCTTGAGACTCAAGAAGAAAATGGAAGTACACAGGTCAGAA
 GGAAAGCAAGACGACTTCTCCCCACCCTATCCCTTGGGACCGCTGAAGCCGACCTTCTCCTGGTTCTCT
 CTCTCACCCATCAGGGTCCCATAACAGCTCTGGGACTGACAACCCGGAAGCCACAGCTGCCTGGGTG
 TCAGGGACCCACAGTGCCTAATGACAACGAAACAGAGACTACTTATCCCCAGAT**A**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_017020

Insert Size: 1389 bp

OTI Disclaimer: 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_017020.3](#), [NP_058716.2](#)
RefSeq Size: 4529 bp
RefSeq ORF: 1389 bp
Locus ID: 24499
Cytogenetics: 2q34
Gene Summary: alpha subunit of the interleukin 6 receptor complex [RGD, Feb 2006]