

## Product datasheet for **RR210237**

### Il22ra2 (NM\_001003404) Rat Tagged ORF Clone

#### Product data:

Product Type: Expression Plasmids  
 Product Name: Il22ra2 (NM\_001003404) Rat Tagged ORF Clone  
 Tag: Myc-DDK  
 Symbol: Il22ra2  
 Synonyms: Crf2-s1  
 Vector: pCMV6-Entry (PS100001)  
 E. coli Selection: Kanamycin (25 ug/mL)  
 Cell Selection: Neomycin  
 ORF Nucleotide Sequence: >RR210237 representing NM\_001003404  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**GCGATCGCC**

ATGCCTAAGCACTGCTTTCTAGGCCTCCTCATCATGCTCTTGACCACTGCCACAGAAACGCAGCCAGCCC  
 ATGTGTCTCTGAAGCCTCAGAAGGTCCAATTTTCAGTCCAGAAATTTCCACAACATTTTGCCTGGCAACC  
 AGGGAACCTCCCTACCAGCAACGGCAGCGTCTACTTTGTGACGACAAGACGTATGGACAGGGACAATGG  
 AAAGATAAAAATGACTGCTGGGGGACCACAGCGCTCTTTTGTGACCTGACCAAAGAAACCTTAGACCCAT  
 ACGAGCCATACTATGGGAGGGTATGATGGCCTGGGCTGGAAGCTACTCTGAATGGACCAGGACACCCCCG  
 CTTCACTCCATGGTGGGAAACAAAATTAGATCCTCCGGTCTGACTATAACCCGAGTTAATGCATCTTTG  
 AGGGTTCGTCTCCGCCCCAGAGTTGCCACATAGAAACCAAACCTGGAAAAAATACGTCCATGGAAAATT  
 ACTACAACCTTAGTATACCGAGTTTCCATAATCAACAATCACTGGAGAAGGAACAAAAGCCTACGAAGG  
 AACTCAGAGAGCTGTTGAAATTCAGGTCTGACACCTCATTGCAGTTACTGCGTAGTGGCTGAAATGTAC  
 CAGCCCATGTTTCGACAGAAGAAGCCCAAGAAGCAAGGAGAGATGTGTGCAGATTCCA

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA



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|-------------------------------|---|
| <b>OTI Disclaimer:</b>        | 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. <a href="#">More info</a>  |
| <b>OTI Annotation:</b>        | This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.  |
| <b>Components:</b>            | 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).  |
| <b>Reconstitution Method:</b> | <ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol> |
| <b>RefSeq:</b>                | <a href="#">NM_001003404.1</a> , <a href="#">NP_001003404.1</a>   |
| <b>RefSeq Size:</b>           | 2506 bp   |
| <b>RefSeq ORF:</b>            | 690 bp  |
| <b>Locus ID:</b>              | 444986  |
| <b>UniProt ID:</b>            | <a href="#">Q7TNI4</a>  |
| <b>Cytogenetics:</b>          | 1p12  |
| <b>MW:</b>                    | 26.7 kDa  |
| <b>Gene Summary:</b>          | Receptor for IL22. Binds to IL22, prevents interaction with the functional IL-22R complex and blocks the activity of IL22 (in vitro). May play an important role as an IL22 antagonist in the regulation of inflammatory responses.[UniProtKB/Swiss-Prot Function]  |