

Product datasheet for RN210237

Il22ra2 (NM_001003404) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Il22ra2 (NM_001003404) Rat Untagged Clone
Tag: Tag Free
Symbol: Il22ra2
Synonyms: Crf2-s1
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >RN210237 representing NM_001003404
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGCCTAAGCACTGCTTTCTAGGCCTCCTCATCATGCTCTTGACCACTGCCACAGAAACGCAGCCAGCCC
 ATGTGTCTCTGAAGCCTCAGAAGGTCCAATTTTCAGTCCAGAAATTTCCACAACATTTTGCCTGGCAACC
 AGGGAACCTCCCTACCAGCAACGGCAGCGTCTACTTTGTGCAGTACAAGACGTATGGACAGGACAATGG
 AAAGATAAAAATGACTGCTGGGGGACCACAGCGCTCTTTTGTGACCTGACCAAAGAAACCTTAGACCCAT
 ACGAGCCATACTATGGGAGGGTATGATGGCCTGGGCTGGAAGCTACTCTGAATGGACCAGGACACCCCG
 CTTCACTCCATGGTGGGAAACAAAATTAGATCCTCCGGTCGTGACTATAACCCGAGTTAATGCATCTTTG
 AGGGTTCGTCTCCGCCCCAGAGTTGCCACATAGAAACCAAACCTGGAAAAAATACGTCCATGGAAAATT
 ACTACAACCTTAGTATACCGAGTTTCCATAATCAACAATCACTGGAGAAGGAACAAAAGCCTACGAAGG
 AACTCAGAGAGCTGTTGAAATTCAGGTCTGACACCTCATTGCAGTTACTGCGTAGTGGCTGAAATGTAC
 CAGCCCATGTTTCGACAGAAGAAGCCCAAGAAGCAAGGAGAGATGTGTGCAGATTCCAT**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001003404
Insert Size: 690 bp



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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:	<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_001003404.1</u> , <u>NP_001003404.1</u>
RefSeq Size:	2506 bp
RefSeq ORF:	690 bp
Locus ID:	444986
UniProt ID:	<u>Q7TNI4</u>
Cytogenetics:	1p12
Gene Summary:	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]