

Product datasheet for **RC238261**

IL20 Receptor alpha (IL20RA) (NM_001278723) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	IL20 Receptor alpha (IL20RA) (NM_001278723) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	IL20 Receptor alpha
Synonyms:	CRF2-8; IL-20R-alpha; IL-20R1; IL-20RA
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

ORF Nucleotide Sequence:

>RC238261 representing NM_001278723
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGTCCTACAATGGACTCCACCAGAGGGTCTTCAAGGAGTTAAAGTTACTTACACTGTGCAGTATTTTCAT
 CACAAATTGGCCACCAGAGGTGGCACTGACTACAGATGAGAAGTCCATTTCTGTTGTCCTGACAGCTCC
 AGAGAAGTGAAGAGAAAATCCAGAAGACCTTCTGTTTCCATGCAACAAATATACTCCAATCTGAAGTAT
 AACGTGTCTGTGTTGAATACTAAATCAAACAGAACGTGGTCCCAGTGTGTGACCAACCACACGCTGGTGC
 TCACCTGGCTGGAGCCGAACACTCTTTACTGCGTACACGTGGAGTCCCTCGTCCCAGGGCCCCCTCGCCG
 TGCTCAGCCTTCTGAGAAGCAGTGTGCCAGGACTTTGAAAGATCAATCATCAGAGTTCAAGGCTAAAATC
 ATCTTCTGGTATGTTTTGCCATATCTATTACCGTGTCTTTTTTCTGTGATGGGCTATTCATCTACC
 GATATATCCACGTTGGCAAAGAGAAAACACCCAGCAAATTTGATTTTGATTTATGGAAATGAATTTGACAA
 AAGATTCTTTGTGCTGTGAAAAATCGTGATTAACCTTATCACCTCAATATCTCGGATGATTCTAAA
 ATTTCTCATCAGGATATGAGTTTACTGGGAAAAAGCAGTGATGTATCCAGCCTTAATGATCCTCAGCCCA
 GCGGGAACCTGAGGCCCTCAGGAGGAAGAGGAGGTGAAACATTTAGGGTATGCTTCGCATTTGATGGA
 AATTTTTTGTGACTCTGAAGAAAACACGGAAGGTACTTCTCTCACCCAGCAAGAGTCCCTCAGCAGAAAC
 ATACCCCGGATAAAACAGTCATTGAATATGAATATGATGTGAGAACCCTGACATTTGTGCGGGGCGCTG
 AAGAGCAGGAGCTCAGTTTGCAGGAGGAGGTGTCCACACAAGGAACATTATTGGAGTGCAGGCAGCGTT
 GGCAGTCTTGGGCGGCAACGTTACAGTACTACACCCCTCAGCTCCAAGACTTAGACCCCTGGCG
 CAGGAGCACACAGACTCGGAGGAGGGCCGGAGGAAGAGCCATCGACGACCCTGGTCGACTGGGATCCCC
 AAACCTGGCAGGCTGTGATTCTTCGCTGTCCAGCTTCGACCAGGATTCAGAGGGCTGCGAGCCTTCTGA
 GGGGATGGGCTCGGAGAGGAGGGTCTTCTATCTAGACTCTATGAGGAGCCGGCTCCAGACAGGCCACCA
 GGAGAAAATGAAACCTATCTCATGCAATTCATGGAGGAATGGGGTTATATGTGCAGATGAAAAAC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC238261 representing NM_001278723
 Red=Cloning site Green=Tags(s)

MSYNGLHQRVFKELKLLTLCSSISQIGPPEVALTTDEKISVVLTAPEKWKRNPEDLPVSMQIYSNLKY
 NVSVLNTKSNRTWSQCVTNHTLVLTWLEPNTLYCVHVESFVPGPPRRAQPSEKQCARTLKDQSSEFKAKI
 IFWYVLPISITVFLFVSMGYSIYRYIHVGKEKHPANLILYIGNEFDKRFVPAEKIVINFITLNISSDSK
 ISHQDMSLLGKSSDVSSLNDPQPSGNLRPPQEEEEVKHLGYASHLMEIFCDSEENTEGLSLTQQESLRT
 IPPDKTVIEYEYDVRTTICAGPEEQELSLQEEVSTQGTLLLESQAALAVLGPQTLQYSYTPQLQDLPLA
 QEHTDSEEGPEEPPSTTLVDWDPQTGRLCIPSLSSFQDQSEGCEPSEGDLGEEGLLSRLYEPPAPDRPP
 GENETYLMQFMEEWGLYQMEN

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Chromatograms:

https://cdn.origene.com/chromatograms/ja3259_h10.zip

Restriction Sites:

SgfI-MluI

Cloning Scheme:


ACCN: NM_001278723

ORF Size: 1326 bp

OTI Disclaimer: Due to the inherent nature of this plasmid, standard methods to replicate additional amounts of DNA in E. coli are highly likely to result in mutations and/or rearrangements. Therefore, OriGene does not guarantee the capability to replicate this plasmid DNA. Additional amounts of DNA can be purchased from OriGene with batch-specific, full-sequence verification at a reduced cost. Please contact our customer care team at custsupport@origene.com or by calling 301.340.3188 option 3 for pricing and delivery.

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](#)

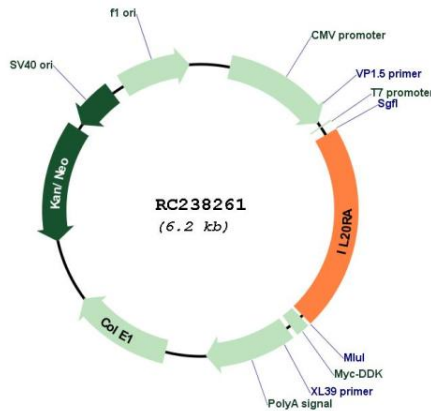
OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

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:**
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.

Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	<u>NM_001278723.1, NP_001265652.1</u>
RefSeq Size:	3522 bp
RefSeq ORF:	1329 bp
Locus ID:	53832
UniProt ID:	<u>Q9UHF4</u>
Cytogenetics:	6q23.3
Protein Families:	Druggable Genome, Transmembrane
Protein Pathways:	Cytokine-cytokine receptor interaction, Jak-STAT signaling pathway
MW:	49.9 kDa
Gene Summary:	This gene encodes a member of the type II cytokine receptor family. The encoded protein is a subunit of the receptor for interleukin 20, a cytokine that may be involved in epidermal function. The interleukin 20 receptor is a heterodimeric complex consisting of the encoded protein and interleukin 20 receptor beta. This gene and interleukin 20 receptor beta are highly expressed in skin, and are upregulated in psoriasis. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jul 2013]

Product images:



Circular map for RC238261