

Product datasheet for **SC336493**

IL20 Receptor alpha (IL20RA) (NM_001278722) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	IL20 Receptor alpha (IL20RA) (NM_001278722) Human Untagged Clone
Tag:	Tag Free
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)



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Fully Sequenced ORF: >SC336493 representing NM_001278722.
 Blue=Insert sequence Red=Cloning site Green=Tag(s)

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GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTGCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGAAGAATGTCCTACAATGGACTCCACCAGAGGGTCTTCAAGGAGTTAAAGTTACTTACACTGTGCAG
TATTTTCATATATGGGCAAAAGAAATGGCTGAATAAATCAGAATGCAGAAATATCAATAGAACCTACTGT
GATCTTTCTGCTGAAACTTCTGACTACGAACACCAGTATTATGCCAAAGTTAAGGCCATTTGGGGAACA
AAGTGTTCCAAATGGGCTGAAAGTGACGGTCTATCCTTTTTTGAAGAACACAAATTGGCCACCAGAG
GTGGCACTGACTACAGATGAGAAGTCCATTTCTGTTGCTGACAGCTCCAGAGAAGTGGAGAGAAAT
CCAGAAGACCTTCTGTTCCATGCAACAAATATACTCCAATCTGAAGTATAACGTGTCTGTGTTGAAT
ACTAAATCAAACAGAACGTGGTCCAGTGTGTGACCAACCACACGCTGGTGTCTCACCTGGCTGGAGCCG
AACACTCTTACTGCGTACAGTGGAGTCTTCTGTCAGGGCCCTCGCCGTGCTCAGCCTTCTGAG
AAGCAGTGTGCCAGGACTTTGAAAGATCAATCATCAGAGTTCAAGGCTAAAATCATCTTCTGGTATGTT
TTGCCCATATCTATTACCGTGTCTTTTTTCTGTGATGGCTATTCCATCTACCGATATATCCAGTT
GGCAAAGAGAAACACCCAGCAAATTTGATTTTGTATTTATGGAAATGAATTTGACAAAAGATTCTTTGTG
CCTGCTGAAAAATCGTGATTAACCTTTATCACCTCAATATCTCGGATGATTCTAAAATTTCTCATCAG
GATATGAGTTTACTGGGAAAAGCAGTGTATCCAGCCTTAATGATCCTCAGCCAGCCGGAACTCG
AGGCCCTCAGGAGGAAGAGGAGGTGAAACATTTAGGGTATGCTTCGCATTTGATGGAAATTTTTTGT
GACTCTGAAGAAAACACGGAAGTACTTCTCTCACCCAGCAAGAGTCCCTCAGCAGAACAATACCCCG
GATAAACAGTCATTGAATATGAATATGATGTCAGAACCCTGACATTTGTGCGGGCCCTGAAGAGCAG
GAGCTCAGTTTGCCAGGAGGAGGTGTCACACAAGGAACATTATTGGAGTGCAGGCAGCCTTGGCAGTC
TTGGCCCGCAAACGTTACAGTACTCATACACCCTCAGCTCAAGACTTAGACCCCTGGCCGAGGAG
CACACAGACTCGGAGGAGGGCCGAGGAAGGCCATCGACGACCCTGGTGCAGTGGGATCCCAAAT
GGCAGGCTGTGTATTCCTTCGCTGTCCAGCTTCGACCAGGATTCAGAGGGCTGCGAGCCTTCTGAGGGG
GATGGGCTCGGAGAGGAGGTCTTCTATCTAGACTCTATGAGGAGCCGGCTCCAGACAGGCCACCAGGA
GAAAATGAAACCTATCTCATGCAATTCATGGAGGAATGGGGTTATATGTGCAGATGGAAAACTGA
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC
  
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Restriction Sites: SgfI-MluI

ACCN: NM_001278722

Insert Size: 1515 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_001278722.1
RefSeq Size:	3382 bp
RefSeq ORF:	1515 bp
Locus ID:	53832
UniProt ID:	Q9UHF4
Cytogenetics:	6q23.3
Protein Families:	Druggable Genome, Transmembrane
Protein Pathways:	Cytokine-cytokine receptor interaction, Jak-STAT signaling pathway
MW:	57.4 kDa
Gene Summary:	<p>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]</p> <p>Transcript Variant: This variant (2) contains an alternate 5'-most exon, lacks a portion of the 5' coding region, and initiates translation at a downstream start codon, compared to variant 1. The encoded isoform (2) has a shorter N-terminus, compared to isoform 1. Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.</p>