

Product datasheet for **RG238599**

IL20 Receptor alpha (IL20RA) (NM_001278722) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	IL20 Receptor alpha (IL20RA) (NM_001278722) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	IL20RA
Synonyms:	CRF2-8; IL-20R-alpha; IL-20R1; IL-20RA
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)



[View online »](#)

ORF Nucleotide Sequence:

>RG238599 representing NM_001278722.
 Blue=ORF Red=Cloning site Green=Tag(s)

```
GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTGACTG
GATCCGGTACCGAGGAGATCTGCCGCCCGGATCGCC
ATGAAGAATGCCTACAATGGACTCCACCAGAGGGTCTTCAAGGAGTTAAAGTACTTACACTGTGCAG
TATTTTCATATATGGGCAAAAGAAATGGCTGAATAAATCAGAATGCAGAAATATCAATAGAACCTACTGT
GATCTTTCTGCTGAAACTTCTGACTACGAACACCAGTATTATGCCAAAGTTAAGGCCATTTGGGGAACA
AAGTGTTCCAAATGGGCTGAAAGTGACGGTCTATCCTTTTTTGAAGACACAAATTGGCCACCAGAG
GTGGCACTGACTACAGATGAGAAGTCCATTTCTGTTGCTCCTGACAGCTCCAGAGAAGTGGAGAGAAAT
CCAGAAGACCTTCTGTTCCATGCAACAAATATACTCCAATCTGAAGTATAACGTGTCTGTGTTGAAT
ACTAAATCAAACAGAACGTGGTCCAGTGTGTGACCAACCACACGCTGGTGTCTACCTGGCTGGAGCCG
AACACTCTTACTGCGTACACGTGGAGTCTTCTGCCAGGGCCCCCTCGCCGTCTCAGCCTTCTGAG
AAGCAGTGTGCCAGGACTTTGAAAGATCAATCATCAGAGTTCAAGGCTAAATCATCTTCTGGTATGTT
TTGCCCATATCTATTACCGTGTCTTTTTTCTGTGATGGGCTATTCCATCTACCGATATATCCACGTT
GGCAAAGAGAAACACCCAGCAAATTTGATTTTATGAAATGAATTTGACAAAAGATTCTTTGTG
CCTGCTGAAAAATCGTGATTAACCTTATCACCTCAATATCTCGGATGATTCTAAAATTTCTCATCAG
GATATGAGTTTACTGGGAAAAGCAGTGTATCCAGCCTAATGATCCTCAGCCAGCCGGAACTG
AGGCCCTCAGGAGGAAGAGGAGGTGAAACATTTAGGGTATGCTTCGCATTTGATGAAATTTTTTGT
GACTCTGAAGAAAACACGGAAGTACTTCTCACCCAGCAAGAGTCCCTCAGCAGAACAATACCCCG
GATAAACAGTCATTGAATATGAATATGATGTCAGAACCCTGACATTTGTGCGGGCCCTGAAGAGCAG
GAGTCCAGTTTGCAGGAGGAGGTGTCACACAAGGAACATTATTGGAGTGCAGGCAGCCTTGGCAGTC
TTGGGCCCGCAAACGTTACAGTACTCATACCCCTCAGCTCAAGACTTAGACCCCTGGCCGAGGAG
CACACAGACTCGGAGGAGGGGCCGAGGAAGCCATCGACGACCCTGGTGCAGTGGGATCCCCAACT
GGCAGGCTGTGTATTCCTTCGCTGTCCAGCTTCGACCAGGATTACAGGGCTGCGAGCCTTCTGAGGGG
GATGGGCTCGGAGAGGAGGTCTTCTATCTAGACTCTATGAGGAGCCGGCTCCAGACAGGCCACCAGGA
GAAATGAAACCTATCTCATGCAATTCAGGAGGAATGGGGTTATATGTGCAGATGGAAAAA
ACGCGTACGCGGCCGCTCGAG – GFP Tag – GTTTAAAC
```

Protein Sequence:

>Peptide sequence encoded by RG238599
 Blue=ORF Red=Cloning site Green=Tag(s)

```
MKNVLQWTPPEGLQGVKVTYTVQYFIYQKKWLNKSECRNINRTYCDLSAETSDYEHQYYAKVKAIWGT
KCSKWAESGRFYPFLETQIGPPEVALTTDEKSISSVLTAPEKWKRNPELDPVSMQIYSNLKYNVSVLN
TKSNRTWSQCVTNHTLVLTWLEPNLYCVHVESFVPGPPRAQPSEKQCARTLKDQSSEFKAKIIFWYV
LPI SITVFLFVSMGYSIYRYIHVGKEKHPANLILYGNFDRKFFVPAEKIVINFITLNISSDKISHQ
DMSLLGKSSDVSSLNDPQPSGNLRPPQEEEEVKHLGYASHLMEIFCDSEENTEGLTSLTQESLRTIPP
DKTVIEYEDVRTTICAGPEEQELSLQEEVSTQGTLLSQAALAVLGPQTLQYSYTPQLQDLPLAQE
HTDSEEGPEEESTTLVDWDPQTGRLCIPSLSSFQDSEGCEPSEGDLGEEGLLSRLYEPPAPDRPPG
ENETYLMQFMEEWGLYVQMEN
TRTRPLEMESDESGLPAMEIECRITGTLNGVEFELVGGEGTPEQGRMTNKMSTKGALTFSPYLLSHV
MGYGFYHFGTYPSGYENPFLHAINNGGYTNTRIEKYEDGGVLHVSFSYRYEAGRVIGDFKVMGTGFPED
SVIFTDKIIIRSNATVEHLHPMGDNDLDGSFTRTFLRDGGYSSVVDSHMHFKSAIHPSILQNGGPMFA
FRRVEEDHSNTELGIVEYQHAFKTPDADAGEERV
```

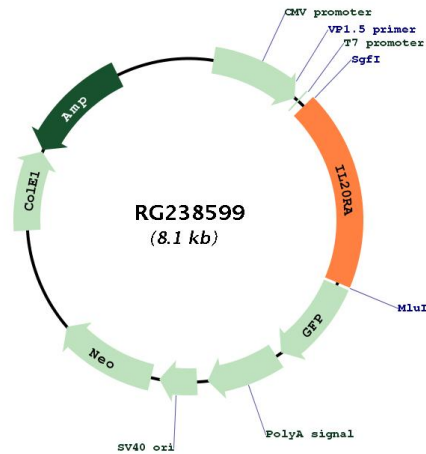
Restriction Sites:

Sgfl-Mlul

Cloning Scheme:

Cloning sites used for ORF Shutting:



Plasmid Map:


ACCN: NM_001278722

ORF Size: 1512 bp

OTI Disclaimer: 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).

RefSeq: [NM_001278722.1](#), [NP_001265651.1](#)

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:	57.8 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>