

Product datasheet for **SC206843**

IL5RA (NM_000564) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	IL5RA (NM_000564) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	IL5RA
Synonyms:	CD125; CDw125; HSIL5R3; IL5R
ACCN:	NM_000564
Insert Size:	2000 bp



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Insert Sequence: >SC206843 3'UTR clone of NM_000564
The sequence shown below is from the reference sequence of NM_000564. The complete sequence of this clone may contain minor differences, such as SNPs.
Blue=Stop Codon Red=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
GTTGAGACCCCTGGAGATTCTGTGTTT T GACTGTCACTTTGGCATCCTCTGATGAACTCACACATGCCT
CAGTGCCTCAGTAAAAGAACAGGGATGCTGGCTCTTGGCTAAGAGGTGTTGAGAATTTAGGCAACT
CAATTTACCTGCGAAGCAATACACCCAGACACACCAGTCTTGATCTCTTAAAAGTATGGATGCTTCAT
CCAAATCGCCTCACCTACAGCAGGGAAGTTGACTCATCCAAGCATTTTGGCATGTTTTTCTCCCCATG
CCGTACAGGGTAGCACCTCCTCACCTGCCAATCTTTGCAATTTGCTTGACTCACCTCAGACTTTTCATT
CACAACAGACAGCTTTTAAAGCTAACGTCCAGCTGTATTTACTTCTGGCTGTGCCGTTTGGCTGTTTA
AGCTGCCAATTGTAGCACTCAGTACCATCTGAGGAAGAAAGCATTTTGCATCAGCTGGAGTGAACCA
TGAAGTTGGATTCAAGACTGTCTTTCTATAGCAAGTGAGAGCCACAAATTCCTCACCCCTACATTC
TAGAATGATCTTTTTCTAGGTAGATTGTGTATGTGTGTATGAGAGAGAGAGAGAGAGAGAGAGAGAG
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AATAGAGCTAATATATCACCCCATATCAAAGAGACGACAGATTTTGTCAAATATTATATTCTTGAAG
GAAGCCTTAATATTCTGGAATGTGCTGAGGAAGTCATTGAGCATAATTCATATGAAAGGGACCACT
GAATCAAGAAATGAACTTTCTGAAGAGATGTTTGTGCCAAAGACTTCAGAACAATGTTGGTCAAGTA
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TATACACAGAAATCTTCTTCTAACATCTTATATAGTCTGCATCCAGATTGGAGGCCTTTTGTGG
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CCAAACAGTGCTGATTCCACATGGCCCTTGGTCAAGAAGCTGAAGGCCTAGAAAGGAGGTAAACAGTGCC
CAGAATCCCACCTGGCACACTCTTAAATGCTTCTGGAGGTGTTTTAGTCAGTTTTGATCCATCGGT
GGGGACACACTGACTACCATATATTTCCAGTTTGTGTTTTCTTAACTAACCTGTAATTATCCACTG
TAACTAGCAGAGGGTTGAACCTGGGTAATAGGCACAGAAACATCTGAATCTTGACAAGCCTGCACTG
TCTTATAGTAATCTGTATTACTGTCCCATTTTATAGTTGCAGTTACTAAGGTTGAGAGAAGTTGATAGG
AAATGGCATAAGTGGAGTTGAATACCAGGCTCAGGTAAGTGAACCCAGAAATGTGCAGAGGAGTGT
CAGGGAAAGCTGAGGCCTGCTTAGGGTGTGGCTGAGAAGGCAACCCATGGAGGTGCTGCAATAGTT
GGCAAAATGTTTTAAATGTTTGGTCACTCAAATGATTCATAATCTCAAACCTGTTTTTGTGTTTTTTTT
TTTTTTTTTTTTGTTGGTGGTGGTGGAGACAGTCTTGTCTGTCTCCAGGCTAGAGTGTAGTGTATGT
GATCTTAGCTCACTACAACCTCCCTGCTCTGGGCTCAAGCCATCCTCCTCCCTCACCCCTCCCAAGTAGC
TGGGACTACAGGTGCATAACACCATTCCAGCTCTTTTTGTATTTTTTTTTGTAAGCTGGGGTTTTG
CCATGCTGTCTAGGTTTCTCGAACTCCTGGGCTCAAGCGATACACCGGCTCAGCCTTCCAAAGTAC
TGGGATTACAGGCATGAACACCATTCTGGCCAGGAACTGTATTTGTAATGAACACCTTAGGTCAG
ACGCGT AAGCGGCCGCGGCATCTAGATTCAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
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Restriction Sites: SgfI-MluI

OTI Disclaimer: Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences, e.g., single nucleotide polymorphisms (SNPs).

Components: The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.

RefSeq: [NM_000564.5](#)

Summary:

The protein encoded by this gene is an interleukin 5 specific subunit of a heterodimeric cytokine receptor. The receptor is comprised of a ligand specific alpha subunit and a signal transducing beta subunit shared by the receptors for interleukin 3 (IL3), colony stimulating factor 2 (CSF2/GM-CSF), and interleukin 5 (IL5). The binding of this protein to IL5 depends on the beta subunit. The beta subunit is activated by the ligand binding, and is required for the biological activities of IL5. This protein has been found to interact with syndecan binding protein (syntenin), which is required for IL5 mediated activation of the transcription factor SOX4. Several alternatively spliced transcript variants encoding four distinct isoforms have been reported. [provided by RefSeq, Jul 2011]

Locus ID:

3568

MW:

77.3