

## Product datasheet for **SC200222**

### IL5RA (NM\_175725) Human 3' UTR Clone

#### Product data:

Product Type:	3' UTR Clones
Product Name:	IL5RA (NM_175725) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	IL5RA
Synonyms:	CD125; CDw125; HSIL5R3; IL5R
ACCN:	NM_175725
Insert Size:	96 bp
Insert Sequence:	>SC200222 3'UTR clone of NM_175725 The sequence shown below is from the reference sequence of NM_175725. The complete sequence of this clone may contain minor differences, such as SNPs. Blue=Stop Codon Red=Cloning site  GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC CAACCTATTTATGTGGGTTCTCAAGATAAGGAGATAACATCCAGCTTTCTGCCCCACACCGTATCT GAAATAAAAACAACAGCAGGGATAGCA ACGCGTAAGCGGCCGCGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
Restriction Sites:	Sgfl-Mlul
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:	<u><a href="#">NM_175725.3</a></u>



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**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:** 3.6