

## Product datasheet for **SC125642**

### IL13 receptor alpha 2 (IL13RA2) (NM\_000640) Human Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** IL13 receptor alpha 2 (IL13RA2) (NM\_000640) Human Untagged Clone  
**Tag:** Tag Free  
**Symbol:** IL13 receptor alpha 2  
**Synonyms:** CD213A2; CT19; IL-13R; IL13BP  
**Mammalian Cell Selection:** None  
**Vector:** pCMV6-XL5  
**E. coli Selection:** Ampicillin (100 ug/mL)

**Fully Sequenced ORF:** >OriGene sequence for NM\_000640 edited  
CTATCAAGGTTTTAAATCTCGGAGAAATGGCTTTCGTTTGCTTGGCTATCGGATGCTTAT  
ATACCTTCTGATAAGCACAAACATTTGGCTGTACTTCATCTTCAGACACCGAGATAAAG  
TTAACCTCCTCAGGATTTTGAGATAGTGGATCCCGGATACTTAGGTTATCTCTATTTGC  
AATGGCAACCCCACTGTCTCTGGATCATTTTAAGGAATGCACAGTGGAATATGAACTAA  
AATACCGAAACATTGGTAGTGAACATGGAAGACCATCATTACTAAGAATCTACATTACA  
AAGATGGGTTTGATCTTAACAAGGGCATTGAAGCGAAGATACACACGCTTTTACCATGGC  
AATGCACAAATGGATCAGAAGTTCAAAGTTCCTGGGCAGAACTACTTATTGGATATCAC  
CACAAGGAATCCAGAACTAAAGTTCAGGATATGGATTGCGTATATTACAATTGGCAAT  
ATTTACTCTGTTCTTGAAACCTGGCATAGGTGTACTTCTTGATACCAATTACAATTGT  
TTTACTGGTATGAGGGCTTGGATCATGCATTACAGTGTGTTGATTACATCAAGGCTGATG  
GACAAAATATAGGATGCAGATTTCCCTATTTGGAGGCATCAGACTATAAAGATTTCTATA  
TTTGTGTTAATGGATCATCAGAGAACAAGCCTATCAGATCCAGTTATTTCACTTTTCAGC  
TTCAAAAATATAGTTAAACCTTTGCCGCCAGTCTATCTTACTTTTACTCGGGAGAGTTCAT  
GTGAAATTAAGCTGAAATGGAGCATACCTTTGGGACCTATTCCAGCAAGGTGTTTGGATT  
ATGAAATTGAGATCAGAGAAGATGATACTACCTTGGTGACTGCTACAGTTGAAAATGAAA  
CATACACCTTGAAAACAACAAATGAAACCCGACAATTATGCTTTGTAGTAAGAAGCAAAG  
TGAATATTTATTGCTCAGATGACGGAATTTGGAGTGAGTGGAGTGATAAACAATGCTGGG  
AAGGTGAAGACCTATCGAAGAAAACCTTTGCTACGTTTCTGGCTACCATTTGGTTTCATCT  
TAATATTAGTTATATTTGTAACCGTCTGCTTTTGGCGTAAGCCAACACCTACCCAAAAA  
TGATTCCAGAATTTTTCTGTGATACATGAAGACTTTCCATATCAAGAGACATGGTATTGA  
CTCAACAGTTTCCAGTCTGCGCAAAATGTTCAATATGAGTCTCAATAAACTGAATTTTTTC  
TTGCGAATGTCCAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA



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|-------------------------------------|--|
| <b>5' Read Nucleotide Sequence:</b> | >OriGene 5' read for NM_000640 unedited<br>CCCGCGGTGAGAAATTTGTATACGACTACTATAGGCGGCCGGAATTCGCCATTACGGCC<br>GGGCTATCAAGGTTTTAAATCTCGGAGAATGGCTTTCGTTTGCTTGGCTATCGGATGCTT<br>ATATACCTTTCTGATAAGCACAAACATTTGGCTGTACTTCATCTTCAGACACCGAGATAAA<br>AGTTAACCTCCTCAGGATTTTGGATAGTGGATCCCGGATACTTAGGTTATCTCTATTT<br>GCAATGGCAACCCCACTGTCTCTGGATCATTTAAGGAATGCACAGTGGAAATATGAACT<br>AAAATACCGAAACATTGGTAGTGAACATGGAAGACCATTACTAAGAATCTACATTA<br>CAAAGATGGGTTTGATCTTAACAAGGGCATTGAAGCGAAGATACACACGCTTTTACCATG<br>GCAATGCACAAATGGATCAGAAGTTCAAAGTTCCTGGGCAGAACTACTTATTGGATATC<br>ACCACAAGGAATCCAGAACTAAAGTTCAGGATATGGATTGCGTATATTACAATTGGCA<br>ATATTTACTCTGTTCTTGGAAACCTGGCATAGGTGACTTCTTGATACCAATTACAACCT<br>GTTTTACTGGTATGAGGGCTTGGATCATGCATTACAGTGTGTTGATTACATCAAGGCTGA<br>TGGACAAAATATAGGATGCAGATTTCCCTATTTGGAGGCATCAGACTATAAAGATTTCTA<br>TATTTGTGGTTAATGGATCATCAGAGAACAAGCCTATCAGATCCAGTTATTTCACTTTTC<br>AGCTTCAAATATAGTTAAACCTTTGCCGCCAGTCTATCTTACTTTTACTCGGGAGAATTC<br>ATGTGAAATTAACCTGAA |
| <b>Restriction Sites:</b>           | NotI-NotI  |
| <b>ACCN:</b>                        | NM_000640  |
| <b>OTI Disclaimer:</b>              | 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).   |
| <b>Components:</b>                  | 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).   |
| <b>Reconstitution Method:</b>       | <ol style="list-style-type: none"> <li>1. Centrifuge at 5,000xg for 5min.</li> <li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li> <li>3. Close the tube and incubate for 10 minutes at room temperature.</li> <li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li> <li>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.</li> </ol>  |
| <b>RefSeq:</b>                      | <a href="#">NM_000640.2</a> , <a href="#">NP_000631.1</a>  |
| <b>RefSeq Size:</b>                 | 1376 bp  |
| <b>RefSeq ORF:</b>                  | 1143 bp  |
| <b>Locus ID:</b>                    | 3598   |
| <b>UniProt ID:</b>                  | <a href="#">Q14627</a>   |
| <b>Cytogenetics:</b>                | Xq23   |
| <b>Protein Families:</b>            | Druggable Genome, Transmembrane  |
| <b>Protein Pathways:</b>            | Jak-STAT signaling pathway   |

**Gene Summary:**

The protein encoded by this gene is closely related to IL13RA1, a subunit of the interleukin 13 receptor complex. This protein binds IL13 with high affinity, but lacks cytoplasmic domain, and does not appear to function as a signal mediator. It is reported to play a role in the internalization of IL13. [provided by RefSeq, Jul 2008]