

## Product datasheet for **MC208785**

### **II5ra (NM\_008370) Mouse Untagged Clone**

#### Product data:

Product Type:	Expression Plasmids
Product Name:	II5ra (NM_008370) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	II5ra
Synonyms:	CD125; CDw125; II5r
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>MC208785 representing NM_008370 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGGTGCCTGTGTTACTAATTCTTGTGGGAGCTTTGGCAACTGCAAGCTGACTTACTTAATCACAAAA  
AGTTTTTACTTCTACCACCTGTCAATTTTACCATTAAAGCCACTGGATTAGCTCAAGTCTTTTTACTG  
GGACCCAAATCCTGACCAAGAGCAAAGGCATGTTGATCTAGAGTATCACGTGAAAATAAATGCCCCACAA  
GAAGACGAATATGATACCAGAAAGACTGAAAGCAAATGTGTGACCCCTTCATGAAGGCTTTGCAGCTA  
GCGTGAGGACCATTCTGAAGAGCAGCCATACAACTCTGGCCAGCAGTTGGGTTTCTGCTGAAGTCAAAGC  
TCCACCAGGATCTCCTGGAACCTCGGTTACGAATTTAACTTGTACCACACACACTGTTGTAAGTAGCCAC  
ACCCACTTAAGGCCATACCAAGTGTCCCTTCGTTGCACCTGGCTTGTGGGAAGGATGCCCTGAGGACA  
CACAGTATTTCTATACTACAGGTTTGGTGTGTTGACTGAAAAATGCCAAGAATACAGCAGAGATGCACT  
GAACAGAAATACTGCATGCTGGTTTCCCAGGACATTTATCAACAGCAAAGGGTTTGAGCAGCTTGCTGTG  
CACATTAATGGCTCAAGCAAGCGTGTGCAATCAAGCCCTTTGATCAGCTGTTCCAGTCCACTTGCCATTG  
ACCAAGTGAATCCTCCAAGGAATGTCACAGTGGAAATGAAAGCAATTCTCTATATACAGTGGGAGAA  
ACCACTTTCTGCCTTTCCAGATCATTGCTTTAACTATGAGCTGAAAATTTACAACACAAAAAATGGTCAC  
ATTCAGAAGGAAAACTGATCGCCAATAAGTTCATCTCAAAAATGATGATGTTTCTACATATCCATT  
AAGTGAGAGCAGCTGTGAGCTCACCTTGCAAGTGCAGAAAGGTGGGGCGAGTGGAGTCAACCTATTTA  
TGTGGGAAAGGAAAGGAAGTCCCTTGGTGAATGGCATCTCATTGTGCTCCCAACGCCCGCTGCTTCGTC  
TTGTTAATCTTCTCACTCATCTGCAGAGTGTGTCATCTATGGACCAGGTTGTTTCCACCGGTTCCGGCCC  
CAAAGAGTAACATCAAAGATCTCCCTGTGGTACTGAATATGAGAAACCTTGAATGAAACCAAAATTTGA  
AGTTGTACATTGTGTGGAAGAGGTTGGATTTGAAGTCATGGGAAATTCACGTTT**TGA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA



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<b>Restriction Sites:</b>	Sgfl-Mlul
<b>ACCN:</b>	NM_008370
<b>Insert Size:</b>	1248 bp
<b>OTI Disclaimer:</b>	<p>Due to the inherent nature of this plasmid, standard methods to replicate additional amounts of DNA in E. coli are highly likely to result in mutations and/or rearrangements. Therefore, OriGene does not guarantee the capability to replicate this plasmid DNA. Additional amounts of DNA can be purchased from OriGene with batch-specific, full-sequence verification at a reduced cost. Please contact our customer care team at <a href="mailto:custsupport@origene.com">custsupport@origene.com</a> or by calling 301.340.3188 option 3 for pricing and delivery.</p> <p>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. <a href="#">More info</a></p>
<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_008370.2</a> , <a href="#">NP_032396.1</a>
<b>RefSeq Size:</b>	3557 bp
<b>RefSeq ORF:</b>	1248 bp
<b>Locus ID:</b>	16192
<b>UniProt ID:</b>	<a href="#">P21183</a>
<b>Cytogenetics:</b>	6 49.19 cM
<b>Gene Summary:</b>	This is the receptor for interleukin-5. The alpha chain binds to IL5.[UniProtKB/Swiss-Prot Function]