

## Product datasheet for MC208770

### Il12b (NM\_008352) Mouse Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Il12b (NM_008352) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Il12b
Synonyms:	Il-12b; Il-12p40; Il12p40; p40
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>MC208770 representing NM_008352 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGC**

ATGTGTCCTCAGAAGCTAACCATCTCTGGTTTGCCATCGTTTTGCTGGTGTCTCCACTCATGGCCATGT  
GGGAGCTGGAGAAAGACGTTTATGTTGTAGAGGTGGACTGGACTCCCGATGCCCTGGAGAAACAGTGAA  
CCTCACCTGTGACACGCCTGAAGAAGATGACATCACCTGGACCTCAGACCAGAGACATGGAGTCATAGGC  
TCTGGAAGACCCCTGACCATCACTGTCAAAGAGTTTCTAGATGCTGGCCAGTACACCTGCCACAAAGGAG  
GCGAGACTCTGAGCCACTCACATCTGCTGCTCCACAAGAAGGAAAATGGAATTTGGTCCACTGAAATTTT  
AAAAAATTTCAAAAACAAGACTTTCTGAAGTGTGAAGCACCAAATTAATCCGGACGGTTCACGTGCTCA  
TGGCTGGTGCAAAAGAAACATGGACTTGAAGTTCAACATCAAGAGCAGTAGCAGTTCCTGACTCTCGGG  
CAGTGACATGTGGAATGGCGTCTCTGTCTGCAGAGAAGGTCACTGGACCAAAGGGACTATGAGAAGTA  
TTCAGTGTCTGCCAGGAGGATGTACCTGCCCACTGCCGAGGAGACCTGCCATTGAACTGGCGTTG  
GAAGCACGGCAGCAGAATAAATATGAGAACTACAGCACCAGCTTCTTCATCAGGGACATCAAAACCAG  
ACCCGCCCAAGAAGTTCAGATGAAGCCTTTGAAGAACTCACAGGTGGAGGTGAGTGGGAGTACCTGA  
CTCCTGGAGCACTCCCCATTCTACTTCTCCCTCAAGTCTTTGTTGCAATCCAGCGCAAGAAAGAAAAG  
ATGAAGGAGACAGAGGAGGGGTGAACCAGAAAGGTGCGTTCCTCGTAGAGAAGACATCTACCGAAGTCC  
AATGCAAGGCGGGAATGTCTGCGTGCAAGCTCAGGATCGCTATTACAATTCCTCATGCAGCAAGTGGGC  
ATGTGTTCCCTGCAGGGTCCGATCC**AG**

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

Chromatograms: [https://cdn.origene.com/chromatograms/ja1496\\_g06.zip](https://cdn.origene.com/chromatograms/ja1496_g06.zip)



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<b>Restriction Sites:</b>	Sgfl-Mlul
<b>ACCN:</b>	NM_008352
<b>Insert Size:</b>	1008 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>Note:</b>	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
<b>RefSeq:</b>	<a href="#">NM_008352.2</a> , <a href="#">NP_032378.1</a>
<b>RefSeq Size:</b>	1951 bp
<b>RefSeq ORF:</b>	1008 bp
<b>Locus ID:</b>	16160
<b>Cytogenetics:</b>	11 25.94 cM
<b>Gene Summary:</b>	<p>This gene encodes the beta subunit p40 of the Interleukin 12 (IL-12) family of cytokines. Members of the IL-12 family form heterodimers consisting of heavy and light subunits linked by disulfide bonds. The product of this gene, p40, is a subunit of interleukins IL-12 and IL-23. [provided by RefSeq, Dec 2014]</p>