

Product datasheet for **MC227101**

Il12b (NM_001303244) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Il12b (NM_001303244) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Il12b
Synonyms:	Il-1; Il-12; 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**C

ATGTGTCCTCAGAAGCTAACCATCTCCTGGTTTGCCATCGTTTTGCTGGTGTCTCCACTCATGGCCATGT
GGGAGCTGGAGAAAGACGTTTATGTTGTAGAGGTGGACTGGACTCCCGATGCCCTGGAGAAACAGTGAA
CCTCACCTGTGACACGCCTGAAGAAGATGACATCACCTGGACCTCAGACCAGAGACATGGAGTCATAGGC
TCTGAAAAGACCCTGACCATCACTGTCAAAGATTTCTAGATGCTGGCCAGTACACCTGCCCAAAGGAG
GCGAGACTCTGAGCCACTCACATCTGCTGCCACAAGAAGGAAAATGGAATTTGGTCCACTGAAATTTT
AAAAAATTTCAAAAACAAGACTTTCTGAAGTGTGAAGCACCAAATTAATCCGGACGGTTCACGTGCTCA
TGGCTGGTGCAAAGAAACATGGACTTGAAGTTCAACATCAAGAGCAGTAGCAGTTCCTGACTCTCGGG
CAGTGACATGTGGAATGGCGTCTCTGTCTGCAGAGAAGGTCACTGGACCAAAGGGACTATGAGAAGTA
TTCAGTGTCTGCCAGGAGGATGTACCTGCCCAACTGCCGAGGAGACCCTGCCATTGAACTGGCGTTG
GAAGCACGGCAGCAGAATAAATATGAGAAGTACAGCACCAGCTTCTTCATCAGGGACATCATCAACCAG
ACCCGCCAAGAAGTTCAGATGAAGCCTTTGAAGAACTCACAGGTGGAGGTCAGCTGGGAGTACCTGA
CTCCTGGAGCACTCCCCATTCTACTTCTCCCTCAAGTCTTTGTTTGAATCCAGCGCAAGAAAGAAAAG
ATGAAGGAGACAGAGGAGGGGTGAACCAGAAAGGTGCGTTCCTCGTAGAGAAGACATCTACCGAAGTCC
AATGCAAAGGCGGAATGTCTGCGTGAAGCTCAGGATCGCTATTACAATTCCTCATGCAGCAAGTGGGC
ATGTGTTCCCTGCAGGTCGGATCC**TAG**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI



ACCN:	NM_001303244
Insert Size:	1008 bp
OTI Disclaimer:	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).
OTI Annotation:	Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
Components:	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).
Reconstitution Method:	<ol style="list-style-type: none">1. Centrifuge at 5,000xg for 5min.2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.3. Close the tube and incubate for 10 minutes at room temperature.4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.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.
RefSeq:	<u>NM_001303244.1</u> , <u>NP_001290173.1</u>
RefSeq Size:	2505 bp
RefSeq ORF:	1008 bp
Locus ID:	16160
UniProt ID:	<u>P43432</u>
Cytogenetics:	11 25.94 cM
Gene Summary:	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]