

Product datasheet for **MC208768**

Il12a (NM_008351) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Il12a (NM_008351) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Il12a
Synonyms:	Il-12a; IL-12p35; L12a; p35
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>MC208768 representing NM_008351 Red=Cloning site Blue=ORF

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGTGTCAATCACGCTACCTCCTCTTTTTGGCCACCCTTGCCCTCCTAAACCACCTCAGTTTGGCCAGGG
TCATTCCAGTCTCTGGACCTGCCAGGTGTCTTAGCCAGTCCCAGAACCTGCTGAAGACCACAGATGACAT
GGTGAAGACGGCCAGAGAAAACTGAAACATTATTCCTGCACTGCTGAAGACATCGATCATGAAGACATC
ACACGGGACCAAACCAGCACATTGAAGACCTGTTTACCCTGGAACACACAAGAAGCAGAGTTGCCTGG
CTACTAGAGAGACTTCTCCACAACAAGAGGGAGCTGCCTGCCCCACAGAAGACGTCTTTGATGATGAC
CCTGTGCCTTGGTAGCATCTATGAGGACTTGAAGATGTACCAGACAGAGTTCCAGGCCATCAACGCAGCA
CTTCAGAATCACAAACATCAGCAGATCATTCTAGACAAGGGCATGCTGGTGGCCATCGATGAGCTGATGC
AGTCTCTGAATCATAATGGCGAGACTCTGCGCCAGAACTCCTGTGGGAGAAGCAGACCCTTACAGAGT
GAAAATGAAGCTCTGCATCCTGCTTACGCCTTCAGCACCCGCTCGTGACCATCAACAGGGTGTGGGC
TATCTGAGCTCCGCCTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	Sgfl-MluI
ACCN:	NM_008351
Insert Size:	648 bp



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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).
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_008351.2</u> , <u>NP_032377.1</u>
RefSeq Size:	1272 bp
RefSeq ORF:	648 bp
Locus ID:	16159
UniProt ID:	<u>P43431</u>
Cytogenetics:	3 31.92 cM
Gene Summary:	<p>Cytokine that can act as a growth factor for activated T and NK cells, enhance the lytic activity of NK/lymphokine-activated killer cells, and stimulate the production of IFN-gamma by resting PBMC.[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (2) differs in the 5' UTR, lacks a portion of the 5' coding region, and uses a downstream translational start codon, compared to variant 1. The encoded isoform (2) is shorter at the N-terminus, compared to isoform 1.</p>