

Product datasheet for **MC208769**

Il12a (NM_001159424) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Il12a (NM_001159424) 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:	>NM_001159424.1 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGTCAGCGTTCCAACAGCCTCACCTCGGCATCCAGCAGCTCCTCTCAGTGCCGGTCCAGCATGTGTC
AATCACGCTACCTCCTCTTTTGGCCACCCTTGCCCTCTAAACCACCTCAGTTTGGCCAGGGTCATTCC
AGTCTCTGGACCTGCCAGGTGTCTTAGCCAGTCCCGAACCTGCTGAAGACCACAGATGACATGGTGAAG
ACGGCCAGAGAAAACTGAAACATTATTCCTGCACTGCTGAAGACATCGATCATGAAGACATCACACGGG
ACCAAACCAGCACATTGAAGACCTGTTTACCCTGGAACACACAAGAACGAGAGTTGCCCTGGCTACTAG
AGAGACTTCTCCACAACAAGAGGGAGCTGCCTGCCCCACAGAAGACGCTTTTGATGATGACCCCTGTG
CTTGGTAGCATCTATGAGGACTTGAAGATGTACCAGACAGAGTCCAGGCCATCAACGCAGCACTTCAGA
ATCACAACCATCAGCAGATCATTCTAGACAAGGGCATGCTGGTGGCCATCGATGAGCTGATGCAGTCTCT
GAATCATAATGGCGAGACTCTGCGCCAGAACTCCTGTGGGAGAAGCAGACCCTTACAGAGTAAAAATG
AAGCTCTGCATCCTGCTTACGCCTTCAGCACCCGCGTCGTGACCATCAACAGGGTATGGGCTATCTGA
GCTCCGCCTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCTGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Chromatograms:	https://cdn.origene.com/chromatograms/ja1495_h04.zip
Restriction Sites:	Sgfl-MluI
ACCN:	NM_001159424
Insert Size:	711 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_001159424.1</u> , <u>NP_001152896.1</u>
RefSeq Size:	1303 bp
RefSeq ORF:	711 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 (1) represents the longer transcript and encodes the longer isoform (1). Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.</p>