

Product datasheet for **MC208781**

II3 (NM_010556) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: II3 (NM_010556) Mouse Untagged Clone
Tag: Tag Free
Symbol: II3
Synonyms: BPA; Csfmu; HCGF; II-3; MCGF; PSF
Mammalian Cell Selection: Neomycin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Fully Sequenced ORF: >MC208781 representing NM_010556
Red=Cloning site **Blue**=ORF **Orange**=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGTTCTTGCCAGCTCTACCACCAGCATCCACACCATGCTGCTCCTGCTCCTGATGCTCTTCCACCTGG
GACTCCAAGCTTCAATCAGTGGCCGGGATACCCACCGTTAACCAGAACGTTGAATTGCAGCTCTATTGT
CAAGGAGATTATAGGGAAGCTCCAGAACCTGAACTCAAAGTATGATGAAGGACCTCTCTGAGGAAT
AAGAGCTTTCGGAGAGTAAACCTGTCAAATTCGTGAAAGCCAAGGAGAAGTGGATCCTGAGGACAGAT
ACGTTATCAAGTCCAATCTTCAGAACTTAACTGTTGCCTGCCTACATCTGCGAATGACTCTGCGCTGCC
AGGGGTCTTCATTGAGATCTGGATGACTTTCGGAAGAACTGAGATTCTACATGGTCCACCTTAACGAT
CTGGAGACAGTGCTAACCTCTAGACCACCTCAGCCCGCATCTGGTCCGTCTCTCCTAACCGTGGAAACCG
TGAATGT**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Chromatograms: https://cdn.origene.com/chromatograms/ja3299_g05.zip
Restriction Sites: Sgfl-Mlul
ACCN: NM_010556
Insert Size: 501 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:	BC125552 , AAI25553
RefSeq Size:	849 bp
RefSeq ORF:	501 bp
Locus ID:	16187
UniProt ID:	P01586
Cytogenetics:	11 32.13 cM
Gene Summary:	Granulocyte/macrophage colony-stimulating factors are cytokines that act in hematopoiesis by controlling the production, differentiation, and function of 2 related white cell populations of the blood, the granulocytes and the monocytes-macrophages.[UniProtKB/Swiss-Prot Function]