

Product datasheet for **MC223766**

Itgam (NM_001082960) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Itgam (NM_001082960) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Itgam
Synonyms:	Cd11b; CD11b/CD18; CR3; CR3A; F730045J24Rik; Ly-40; Mac-1; Mac-1a; MAC1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>NM_001082960.1 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGACTCTTAAAGCTCTTCTGGTCACAGCCCTAGCCTTGTGTCATGGCTTCAATCTGGACTGAACATC
CCATGACCTTCCAAGAGAATGCAAAAGGCTTTGGACAGAGTGTGGTCCAGCTTGGCGGAACAGTGTGGT
TGTTGCAGCCCCCAGGAGGCAAAGGCTGTTAACCAGACAGGTGCCCTCTACCAGTGTGACTACAGCACA
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TTATGTGAATGGATTGTGCTATTTGTTTCGGCTCCAACCTGCTGAGGCCGCCAGCAGTCCAGAGGCT
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AGATGGAGAAAAATTCGGTGTATCCCTTGGATTATAAGGATGTCATCCCCGAGGCAGACAGAGCAGGGGTC
ATTCGCTACGTAATTGGGTGGGAAATGCCTTCAACAAACCACAGTCCCGCAGAGCTCGACACCATCG
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TCTCAAGAAGGCTTCACTGCTTCCATTACCTCTAATGGTCCCTTGTGGCTCTGTGGGAGCTTTGACT
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CCCACACTAGCATCAAGGGCAGCCAGATTGGCTCTATTTTGGGCCCTCCCTTGTCTGTGGACATGGA
CGCTGATGGCAATACCACTTGATCCTCATTGGGGCCCTCATTACTATGAGAAGACCCGAGGAGCCAG



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GTGTCAGTGTGTCCTTGCCTCGAGGGCAGAGGGCACGGTGGCAGTGTGAAGCTTCTCCACGGTGATC
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 AGATGTGGCCATTGGGGCCCCAGGAGAGCAGGAGAATCAGGGCGCTGTCTACATTTTTATGGAGCATCA
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 TGCGGCAATGACAGCATCTGCCAAGACGATCTCAGCATCACCATGAGTGCCTGGCTTGGACACTTTGG
 TGGTGGGAGGCCCCAGGACTTTAACATGAGTGTGACTCTGAGAAATGACGGTGGAGTTCCTACGGGAC
 CCAGGTTACCGTCTACTACCCATCTGGCTTATCTTACCGGAAGGATTCAGCAAGCCAGAACCCGCTCACC
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 AGGACCCACAAAACCAAGTTTCAGTTGGAGCTGCCTGTGAAGTACGCCATCTACATGATTGTACCAGTG
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 AGTCTGTAAGAGAATTCAGTGTGACCTTCCATCCTTCAACTCAGGAAATATTCAATGTACCCTCAAG
 GGCAACCTATCATTTGACTGGTACATCAAGACTTCTCATGGTACCTCCTGCTTGTGAGCAGCACTGAGA
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 CAAAGTGGAGCCATATGAAGTTCACAATCCTGTACCCTATTGTGGGCAGCTCCATTGGGGCCTGGTG
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 ATGAAGCTGCCCCCAAGACGCCCCACCTCAGTAA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCTGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Chromatograms: https://cdn.origene.com/chromatograms/ja1516_e02.zip

Restriction Sites: Sgfl-Mlul

ACCN: NM_001082960

Insert Size: 3465 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).

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:

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: [NM_001082960.1](#), [NP_001076429.1](#)

RefSeq Size: 4682 bp

RefSeq ORF: 3465 bp

Locus ID: 16409

Cytogenetics: 7 F3