

Product datasheet for MC223731

Ilgam (NM_008401) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ilgam (NM_008401) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Ilgam
Synonyms:	Cd11b; CD11b/CD18; CR3; CR3A; F730045J24Rik; Ly-40; Mac-1; Mac-1a; MAC1
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>MC223731 representing NM_008401 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGACTCTTAAAGCTCTTCTGGTCACAGCCCTAGCCTTGTGTCATGGCTTCAATCTGGACTGAACATC
CCATGACCTTCCAAGAGAATGCAAAGGCTTTGGACAGAGTGTGGTCCAGCTTGGCGGAACCAAGTGTGGT
TGTTGCAGCCCCCAGGAGGCAAAGGCTGTTAACCAGACAGGTGCCCTTACCAGTGTGACTACAGCACA
AGCCGGTGTACCCCATCCCCCTGCAAGTACCTCCAGAGGCTGTGAATATGTCCTTGGGCCCTGTCCCTGG
CTGTTTCTACTGTCCCCAGCAGCTGCTGGCCTGTGGCCCCAGGTGCACCAAACTGCAAGGAGAATAC
TTATGTGAATGGATTGTGCTATTTGTTCCGGCTCCAACCTGCTGAGGCCGCCAGCAGTCCCAGAGGCT
CTCAGAGAATGTCCTCAGCAGGAGAGTGACATTGTCTTCTTGATTGATGGCTCCGGTAGCATCAACAACA
TTGACTTTCAGAAGATGAAGGAGTTTGTCTCAACTGTGATGGAGCAGTTCAAAAGTCTAAAACCTTGT
CTCTTTGATGCAGTACTCGGACGAGTCCGGATCACTTCACTTCAATGACTTCAAGAGAAACCCTAGC
CCAAGATCACATGTGAGCCCCATAAAGCAGCTGAATGGGAGGACAAAACTGCCTCAGGGATCCGGAAAG
TAGTGAGAGAACTGTTTCACAAAACCAATGGGGCCCGGAGAATGCTGCGAAGATCCTAGTTGTCAATCAC
AGATGGAGAAAAATTCGGTGATCCCTTGATTATAAGGATGTCATCCCCGAGGCAGACAGAGCAGGGGTC
ATTCGCTACGTAATTGGGGTGGGAAATGCCTTCAACAAACCACAGTCCCCGAGAGAGCTCGACACCATCG
CATCTAAGCCAGCTGGTGAACACGTGTTCCAAGTGGACAACCTTTGAAGCCCTGAATACCATTAGAACCA
GCTTCAGGAAAAGATCTTTGCAATTGAGGGCACGCAGACAGGAAGTACCAGCTCCTTTGAGCATGAGATG
TCTCAAGAAGGCTTCAGTCTTCCATTACCTCTAATGGTCCCTTGTGGCTCTGTGGGGAGCTTTGACT
GGGCAGGTGGAGCCTTCTGTATACATCGAAGGATAAAGTCACTTCAACACAACCAGAGTGGATTC
AGACATGAATGATGCTTACCTGGGTTATGCTTCTGCAGTCATCTGAGGAACCGTGTCAAAGCTTGGTT
TTAGGAGCACCTCGGTATCAGCATATTGGCTTGGTGGTGTGTTTCAAGGAGAATTTCCGTACCTGGGAGC
CCCACTAGCATCAAGGCAGCCAGATTGGCTCTTATTTGGGGCCCTCCTTTGCTCTGTGGACATGGA
CGCTGATGGCAATACCACTTGATCCTCATTGGGGCCCTCATTACTATGAGAAGACCCGAGGAGGCCAG
GTGTCAGTGTGTCCTTGCCTCGAGGGAGGGCACGGTGGCAGTGTGAAGCTCTTCTCCACGGTATCAGG



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GTCATCCCTGGGGTCGCTTTGGGGCAGCCCTGACAGTGTGGGAGACGTGAATGGGGACAACTGACAGA
 TGTGGCCATTGGGGCCCCAGGAGAGCAGGAGAATCAGGGCGCTGTCTACATTTTTTATGGAGCATCAATA
 GCCAGCCTCAGTGCCTCCCACAGCCAGCGGATCATAGGGCGCCACTTCTCCCCTGGGCTCCAGTACTTCG
 GGCAGTCTCTGAGTGGGGTAAGGATCTCAATGGATGGCTTGATGGACCTGGCTGTTGGGGCGCAGGG
 GCATCTTCTGCTGCTCAGAGCCCAGCCGGTGTGAGACTGGAGGCAACCATGGAATTCAGCCCCAAGAAA
 GTAGCAAGGAGTGTGTTTGCATGTCAAGAACAAGTATTAACAAAAACAAGGATGCTGGGGAGGTCAGAGTCT
 GCCTCCGTGTCGCAAGAACACCAAGGACCGTCTGCGCGAAGGAGATATCCAGAGCACTGTCACCTTATGA
 CCTGGCTTTAGACCCCTGGCCGCTCACGTATCCGTGCCTTCTTTGATGAGACAAAGAACAACACACGCAGG
 CGCACCCAGGTCTTTGGATTGATGCAGAAATGTGAAACACTGAAGCTAATTTTACCAGGACTGCGTGGACG
 ACTCAGTGAAGCCCATCATCCTGCGCCTCAATTATACACTGGTTGGGGAGCCCTTGGAGTCTTTGGGAA
 CCTCCGACCAGTTCTGGCTATGGATGCTCAGAGGTTCTTACAGCTATGTTTCCCTTTGAGAAAAATTGC
 GGCAATGACAGCATCTGCCAAGACGATCTCAGCATCACCATGAGTGCCATGGGCTTGACACTTTGGTGG
 TGGGAGGCCCCAGGACTTAAACATGAGTGTGACTCTGAGAAATGACGGTGAAGATTCTACGGGACCCA
 GGTACCCTACTACCCATCTGGCTTATCTTACCAGGAGGATTCAGCAAGCCAGAACCCGCTCACCAAG
 AAGCCTTGGTTTGTAAAGCCTGTGAGTCCAGCTTCTTCTGAAGGGCATGGGGCTCTGAAGAGTACCA
 CCTGGAACATAAACCATCCCATCTTCCCTGCTAATTCTGAGGTACATTTAATGTCACATTTGATGTGGA
 CTCTCATGCCTCCTTTGGGAACAACTGCTCCTCAAAGCCATTGTGGCCAGTGAGAACAAATGTCCAGG
 ACCCACAAAACCAAGTTTCAGTTGGAGTGCCTGTGAAGTACGCCATCTACATGATTGTCACCAGTGATG
 AGAGTTCTATCAGATATCTCAACTTCACGGCTTCAGAGATGACCAGTAAGGTCATACAGCATCAGTACCA
 GTTCAACAACCTGGGCCAGAGGAGCCTCCCTGTGAGTGTAGTCTTCTGGATCCCTGTTTCCAGTCAACAAT
 GTGACCGTATGGGATCATCCCCAGGTCTCTTCTCCAGAACCTCTCAAGTGCCTGTGACACTGAGCAGA
 AATCCCCCCTCACTCCAATTTCCGGGATCAGCTTGAAAGGACCCAGTGCCTGACTGCTGTTGTCAGT
 CTGTAAGAGAATTCAGTGTGACCTCCATCCTTCAACACTCAGGAAATATTCAATGTACCCTCAAGGGC
 AACCTATCATTTGACTGGTACATCAAGACTTCTCATGGTACCTCCTGTTGTGAGCAGCACTGAGATCC
 TGTTAATGACTCTGCGTTTGCCTGCTTCCAGGGCAGGAGTCTGATGTGAGGTCTAAGACAGAGACCAA
 AGTGGAGCCATATGAAGTTCACAATCCTGTACCACTCATTGTGGGCAGCTCCATTGGGGCCTGGTGTCT
 TTGGCTCTCATCACTGCTGGCTATACAAGCTTGGCTTTTTCAAGCGGCAGTACAAGGACATGATGAATG
 AAGCTGCCCCCAAGACGCCCCACCTCAGTAA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_008401
- Insert Size:** 3462 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_008401.2](#), [NP_032427.2](#)

RefSeq Size: 4679 bp

RefSeq ORF: 3462 bp

Locus ID: 16409

Cytogenetics: 7 F3