

Product datasheet for MC223765

Itgal (NM_008400) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Itgal (NM_008400) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Itgal
Synonyms:	(p180); Cd11a; LFA-1; LFA-1A; Ly-15; Ly-21
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>MC223765 representing NM_008400 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGAGTTTCCGGATTGCGGGCCCCAGACTTTTGCTACTGGGACTCCAGCTGTTTGCCAAGGCCTGGAGCT
ACAACCTGGACACACGGCTACGCAGAGCTTCTTGGCACAAGCTGGAAGACATTTTGGGTACCAGGTCTT
GCAGATTGAAGATGGGGTTGCTGTTGGGAGCCCCAGGTGAGGGGGACAACACGGGAGGCCTCTATCACTGC
CGAACAAGCAGCGAGTTCTGCCAGCCAGTCAGCCTACATGTTCTAACCATACTCCAAGTACTTGGGAA
TGACGCTGGCAACAGATGCCGCCAAGGGAAGCCTTTTGGCCTGTGACCCTGGACTGTCTCGGACATGCGA
TCAGAACACTTACCTCAGTGGCCTCTGCTACCTCTTCCCCAGAGTCTGGAGGGACCTATGTTACAAAAT
CGTCCCGCCTATCAGGAATGTATGAAGGGCAAAGTCGACCTGGTGTCTTCTGTTTCGATGGCTCACAGAGCT
TGGATAGAAAGGACTTTGAAAAATCCTGGAAATCATGAAGGATGTGATGAGGAAGCTCAGCAATACTTC
CTACCAGTTTGTGTCGCCGTCCAGTTCTCCACAGACTGCAGAACAGAATTTACTTTCTTGGACTACGTTAAG
CAGAACAAGAACCCCGATGTTCTGCTAGGCAGCGTGCAGCCCATGTTCTTGTGACCAATACCTTTCGTG
CCATCAACTATGTGGTGGCACACGTGTTCAAAGAAGAGTCTGGTGCCAGGCCGGATGCTACCAAGGTGCT
TGTCATCATTACAGACGGGGAGGCAAGTGATAAAGGCAACATCAGTGGCGCCACGACATAACCCGCTAC
ATCATCGGGATTGGCAAGCATTTTGTGAGCGTACAAAAGCAAAAGACGCTCCACATATTTGCCTCAGAAC
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GAGGATTTATGCTATTGAGGGCACAACAGACAGGACCTGACATCCTTTAACATGGAACCTCTCCTCCAGC
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GCTTTCTGGACCTGCGTGAAGACCTGCAGGGTGCACATTTGTTGGGCAGGAACCGCTGACCTCAGATGT
GAGAGGGGGTACCTGGTTACTGTGGCCTGGATGACCTCCCGGAGCTCCAGACCCCTGCTGGCAGCA
GGAGCCCCACGGTACCAGCATGTGGACAAGTACTGCTTTTCCAAGCCCCAGAGGCTGGAGGACGTTGGA
ACCAAACCCAGAAGATAGAAGGGACTCAGATCGGATCTTACTTTGGTGGGAACTATGTAGTGTTGACCT
GGACCAAGATGGCGAGGCAGAGCTGCTGCTGATTGGAGCACCCCTGTTCTTTGGGGAGCAGAGAGGAGGC



CGAGTGTTCACTTACCAGAGAAGACAGTCGCTGTTTAAAATGGTCTCAGAGCTACAGGGTGACCCTGGCT
 ACCCGCTTGGTCGGTTTTGGAGCCGCCATAACTGCCCTGACGGACATCAATGGGGATAGGCTGACTGATGT
 GGCTGTGGGAGCCCTTTGGAGGAGCAGGGGGCTGTGTACATCTTCAATGGGAAGCCTGGTGGGCTCAGT
 CCCCAGCAAGCCAGCGTATAACAAGGAGCCAGGTGTTCCAGGAATCCGGTGGTTTGGCCGCTCCATCC
 ATGGGGTGAAGGACCTTGGAGGGGACAGGCTGGCAGATGTGGTTGTAGGAGCTGAGGGTCGGGTGGTTGT
 GCTGAGCTCCAGGCCGGTGGTGGATGTGGTCACTGAGCTGTCGTTCTCCCAGAGGAAATCCCAGTGCAC
 GAGGTGGAGTGCCTACTCAGCCAGGGAGGAGCAGAAACACGGAGTCAAGCTCAAGGCATGCTTCCGGA
 TCAAGCCCTCACGCCACAGTTTCAAGGTCGCCTGCTTGCCAACCTCAGCTACACCTGCAGCTGGATGG
 CCATCGGATGAGGAGCCAGGGTTGTTCCAGATGGAAGCCACGAGCTCAGTGGAACACCTCCATCACC
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 ATGTCTCCCTGAATTTCTCTTTTTGGAGGAAGAAGGAACACCAAGGGACAAAAGGGCAGGGCCATGCA
 GCCTATCCTGAGACCTTCAATCCACACAGTGACTAAGGAGATCCCTTTTGAGAAGAACTGTGGTGAAGAT
 AAGAAGTGTGAGGCAACCTGACCCTGCATCCCTGCCAGATCTGGACCCCTGCGTCTGATGTCCTCTG
 CCAGCCTTGTGTGGAGTGGACTGAGCAACTCAGGGGAAGATGCCTACTGGGTGCGATTAGACCTGGA
 CTTCCCTCGGGGACTCTCCTTCCGAAAGTGGAGATGCTTCAGCCACACAGCCGAATGCCTGTGAGCTGC
 GAGGAGCTCACCGAGGGTCAAGTCTCCTGACTAAGACACTGAAATGCAATGTAAGCTCTCCCATCTTCA
 AAGCAGGCCAGGAGGTGAGCCTCCAGGTGATGTTTAAACACGCTACTCAACAGCTCCTGGGAAGACTTCGT
 TGAGCTGAATGGCACTGTGCACTGTGAGAATGAGAACTCAAGCCTCCAGGAGGACAACTCAGCCGCCACC
 CACATTCTGTCTGTACCCTGTCAACATCCTTACTAAGGAGCAGGAGAACTCCACTCTCTATATCAGTT
 TCACCCCTAAAGTCCCAAGACCAACAAGTCCAGCATGTCTACCAGGTGAGGATTCAGCCATCTGCCTA
 TGACCACAACATGCCACACTAGAGGCCTTGGTTGGGGTGCCTGGCCTCACAGTGAGGACCCCATCACA
 TACACATGGAGTGTACAGACGGATCCCCTGTCACTTGCCACAGCAGGACCTGAAGAGGCCGTCCAGCG
 AAGCTGAGCCTTGTCTGCCTGGAGTCCAGTCCGCTGTCCAATTGTCTTCAGGCGGAGATCCTCATCCA
 AGTGACGGGGACCGTGGAACTCTCCAAGGAAATCAAGGCCTCCTCCACACTCAGCCTCTGCAGTCACTC
 TCCGTCTCCTTCAACAGCAGCAAGCATTTCATTTGTATGGCAGCAAAGCCTCCGAGGCCAGGTCTCTCG
 TGAAGGTTGACCTGATCCACGAGAAGGAGATGCTTACGTGTACGTACTCAGCGCATTGGGGGCTCGT
 GCTTCTGTTCTGATTTTCTGGCGCTCTACAAGGTTGGCTTCTTCAAACGGAACCTGAAGGAGAAGATG
 GAGGCTGATGGAGGTGTTCCAAATGGAAGCCCTCCAGAAGACTGACCCTCTGGCAGTACCTGGGGAAG
 AGACCAAAGATATGGGCTGTCTAGAGCCCTCCGGGAGAGTGACAAGGACTAA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Chromatograms: https://cdn.origene.com/chromatograms/ja1858_c10.zip
- Restriction Sites: Sgfl-Mlul
- ACCN: NM_008400
- Insert Size: 3483 bp

OTI Disclaimer: Due to the inherent nature of this plasmid, standard methods to replicate additional amounts of DNA in E. coli are highly likely to result in mutations and/or rearrangements. Therefore, OriGene does not guarantee the capability to replicate this plasmid DNA. Additional amounts of DNA can be purchased from OriGene with batch-specific, full-sequence verification at a reduced cost. Please contact our customer care team at custsupport@origene.com or by calling 301.340.3188 option 3 for pricing and delivery.

The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

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: [BC145802](#), [AAI45803](#)

RefSeq Size: 5219 bp

RefSeq ORF: 3483 bp

Locus ID: 16408

Cytogenetics: 7 69.44 cM