

Product datasheet for MC229426

Itgal (NM_001253874) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Itgal (NM_001253874) Mouse Untagged Clone
Tag: Tag Free
Symbol: Itgal
Synonyms: (p180); Cd11a; LFA-1; LFA-1A; Ly-15; Ly-21
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC229426 representing NM_001253874
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCGCGATCGCC

ATGAGTTTCCGGATTGCGGGCCCCAGACTTTTGTCTACTGGGACTCCAGCTGTTTGCCAAGGCCTGGAGCT
 ACAACCTGGACACACGGCTACGCAGAGCTTCTTGGCACAAGCTGGAAGACATTTTGGGTACCAGGTCTT
 GCAGATTGAAGATGGGGTTGTCGTGGGAGCCCCAGGTGAGGGGGACAACACGGGAGGCCTCTACTCTGC
 CGAACAAGCAGCGAGTTCTGCCAGCCAGTCAGCCTACATGGTTCTAACCATACCTCCAAGTACTTGGGAA
 TGACGCTGGCAACAGATGCCGCCAAGGGAAGCCTTTTGGCCTGTGACCCTGGACTGTCTCGGACATGCGA
 TCAGAACACTTACCTCAGTGGCCTCTGCTACCTTCCCCCAGAGTCTGGAGGGACCTATGTTACAAAAT
 CGTCCCGCCTATCAGGAATGATGAAGGGCAAAGTCGACCTGGTGTCTGTTTCGATGGCTCACAGAGCT
 TGGATAGAAAGGACTTTGAAAAATCCTGGAAATCATGAAGGATGTGATGAGGAAGCTCAGCAATACTTC
 CTACCAGTTTGTGCCGTCCAGTTCTCCACAGACTGCAGAACAGAATTTACTTTCTTGGACTACGTTAAG
 CAGAACAAGAACCCCGATGTTCTGCTAGGCAGCGTGCAGCCATGTTCTTGCTGACCAATACCTTTTCGTG
 CCATCAACTATGTTGGTGGCACACGTGTTCAAAGAAGAGTCTGGTGCCAGGCCGGATGCTACCAAGTGCT
 TGTCACTATTACAGACGGGGAGGCAAGTGATAAAGGCAACATCAGTGCCGGCCACGACATAACCCGCTAC
 ATCATCGGGATTGGCAAGCATTTTGTGAGCGTACAAAAGCAAAAGACGCTCCACATATTTGCCTCAGAAC
 CTGTAGAGGAATTTGTGAAGATTCTGGACACCTTTGAGAAGCTGAAGGATCTTTTACTGACCTGCAGAG
 GAGGATTTATGCTATTGAGGGCACAAACAGACAGGACCTGACATCCTTTAACATGGAACCTCCTCCAGC
 GGGATCAGCGCAGACCTCAGCAAGGGCCATGCAGTTGTGGGAGCTGTTGGGGCTAAGGATTGGGCCGGGG
 GCTTTCTGGACCTGCGTGAAGACCTGCAGGGTCCACATTTGTTGGCAGGAACCCGCTGACCTCAGATGT
 GAGAGGGGGCTACCTGGTTTACTGTGGCCTGGATGACCTCCCGGAGCTCCAGACCCCTGCTGGCAGCA
 GGAGCCCCACGGTACCAGCATGTGGACAAGTACTGCTTTTCCAAGCCCCAGAGGCTGGAGGACGTTGGA
 ACCAAACCCAGAAGATAGAAGGGACTCAGATCGGATCTTACTTTGGTGGGGAACATGTAGTGTTGACCT
 GGACCAAGATGGCGAGGAGAGCTGCTGCTGATTGGAGCACCCCTGTTCTTTGGGGAGCAGAGAGGAGGC
 CGAGTGTTCACTTACCAGAGAAGACAGTCGCTGTTTGAATGGTCTCAGAGCTACAGGGTACCCTGGCT



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ACCCGCTTGGTCGGTTTGGAGCCGCCATAACTGCCCTGACGGACATCAATGGGGATAGGCTGACTGATGT
 GGCTGTGGGAGCCCTTTGGAGGAGCAGGGGGCTGTGTACATCTTCAATGGGAAGCCTGGTGGGCTCAGT
 CCCAGCCAAGCCAGCGTATACAAGGAGCCAGGTGTTCCAGGAATCCGGTGGTTTGGCCGCTCCATCC
 ATGGGGTGAAGGACCTTGGAGGGGACAGGCTGGCAGATGTGGTTGTAGGAGCTGAGGGTCGGGTGGTTGT
 GCTGAGCTCCAGCCGGTGGTGGATGTGGTCACTGAGCTGTGCTTCTCCCAGAGGAAATCCCAGTGCAC
 GAGGTGGAGTGTCTACTCAGCCAGGGAGGAGCAGAAACACGGAGTCAAGCTCAAGGCATGCTTCCGGA
 TCAAGCCCCTCAGCCACAGTTTCAAGGTGCCTGCTTCCCAACCTCAGCTACACCTGCAGCTGGATGG
 CCATCGGATGAGGAGCCGAGGGTTGTTCCAGATGGAAGCCACGAGCTCAGTGGAAACACCTCCATCACC
 CCAGATAAATCCTGCTTGGACTTCCACTTCCACTTCCCGATCTGCATTCAAGACCTCATCTCCCCTATCA
 ATGTCTCCCTGAATTTCTCTCTTTTGGAGGAAGAAGGAACACCAAGGGACCAAAAGGTGGCAGGGCCAT
 GCAGCCTATCCTGAGACCTTCAATCCACACAGTACTAAGGAGATCCCTTTTGAAGAAGTGTGGTGA
 GATAAGAAGTGTGAGGCAAACTGACCCTGTATCCCCTGCCAGATCTGGACCCCTGCGTCTGATGTCT
 CTGCCAGCCTTGTGTGGAGTGGACTGAGCAACTCAGGGGAAGATGCCTACTGGGTGCGATTAGACCT
 GGACTTCCCTCGGGACTCTCCTCCGAAAGTGGAGATGCTTCAGCCACACAGCCGAATGCCTGTGAGC
 TGGCAGGAGCTCACCGAGGGTCAAGTCTCCTGACTAAGACACTGAAATGCAATGTAAGCTCTCCATCT
 TCAAAGCAGGCCAGGAGGTGAGCCTCCAGGTGATGTTTAAACACGCTACTCAACAGCTCCTGGGAAGACTT
 CGTTGAGCTGAATGGCACTGTGCACTGTGAGAATGAGAATCAAGCCTCCAGGAGGACAACCTCAGCCGCC
 ACCCACATTCTGTCTGTACCCTGTCAACATCCTTACTAAGGAGCAGGAGAATCCACTCTATATCA
 GTTTCACCCCTAAAGGTCCCAAGACCAACAAGTCCAGCATGTCTACCAGGTGAGGATTCAGCCATCTGC
 CTATGACCACAACATGCCACACTAGAGGCCTTGGTTGGGGTGCCTGGCCTCACAGTGAAGGACCCATC
 AATACACATGGAGTGTACAGACGGATCCCCTTGTCACTTGGCACAGCGAGGACCTGAAGAGGCCGTCCA
 CGAAGCTGAGCCTTGTCTGCCTGGAGTCCAGTCCGCTGTCCAATTGTCTTCAAGCGGGAGATCCTCAT
 CCAAGTGACGGGACCGTGAACCTTCCAAGGAAATCAAGGCCTCCTCCACACTCAGCCTGTCAGCTCA
 CTCTCCGTCTCCTTCAACAGCAGCAAGCATTTCATTTGTATGGCAGCAAGCCTCCGAGGCCAGGTCC
 TCGTGAAGGTTGACCTGATCCACGAGAAGGAGATGCTTACGTGTACGTACTCAGCGCATTGGGGCCT
 CGTGCTTCTGTTCTGATTTTCTGGCGCTCTACAAGGTTGGCTTCTTCAAACGGAACCTGAAGGAGAAG
 ATGGAGGCTGATGGAGGTGTTCCAAATGGAAGCCCTCCAGAAGACTGACCCTCTGGCAGTACCTGGGG
 AAGAGACCAAGATATGGGCTGTCTAGAGCCCTCCGGGAGAGTGACAAGGACTAA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAAGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_001253874
- Insert Size:** 3486 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).
- OTI Annotation:** Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
- 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_001253874.1](#), [NP_001240803.1](#)

RefSeq Size: 5222 bp

RefSeq ORF: 3486 bp

Locus ID: 16408

Cytogenetics: 7 69.44 cM