

## Product datasheet for MC229425

### Itgal (NM\_001253873) Mouse Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Itgal (NM\_001253873) 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:** >MC229425 representing NM\_001253873  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**GCGATCGCC**

ATGAGTTTCCGGATTGCGGGCCCCAGACTTTTGTACTGGGACTCCAGCTGTTTGCCAAGGCCTGGAGCT  
 ACAACCTGGACACACGGCTACGCAGAGCTTCTTGGCACAAGCTGGAAGACATTTTGGGTACCAGGTCTT  
 GCAGATTGAAGATGGGGTTGTCGTGGGAGCCCCAGGTGAGGGGGACAACACGGGAGGCCTCTACTCTGC  
 CGAACAAGCAGCGAGTTCTGCCAGCCAGTCAGCCTACATGGTTCTAACCATACCTCCAAGTACTTGGGAA  
 TGACGCTGGCAACAGATGCCGCCAAGGGAAGCCTTTTGGCCTGTGACCCTGGACTGTCTCGGACATGCGA  
 TCAGAACACTTACCTCAGTGGCCTCTGCTACCTTCCCCAGAGTCTGGAGGGACCTATGTTACAAAAT  
 CGTCCCGCCTATCAGGAATGATGAAGGGCAAAGTCGACCTGGTGTCTGTTTCGATGGCTCACAGAGCT  
 TGGATAGAAAGGACTTTGAAAAATCCTGGAAATCATGAAGGATGTGATGAGGAAGCTCAGCAATACTTC  
 CTACCAGTTTGTGCCGTCCAGTTCTCCACAGACTGCAGAACAGAATTTACTTTCTTGGACTACGTTAAG  
 CAGAACAAGAACCCCGATGTTCTGCTAGGCAGCGTGCAGCCATGTTCTTGCTGACCAATACCTTTTCGTG  
 CCATCAACTATGTTGGTGGCACACGTGTTCAAAGAAGAGTCTGGTGCCAGGCCGGATGCTACCAAGTGCT  
 TGTCACTATTACAGACGGGGAGGCAAGTGATAAAGGCAACATCAGTGCCGGCCACGACATAACCCGCTAC  
 ATCATCGGGATTGGCAAGCATTTTGTGAGCGTACAAAAGCAAAAGACGCTCCACATATTTGCCTCAGAAC  
 CTGTAGAGGAATTTGTGAAGATTCTGGACACCTTTGAGAAGCTGAAGGATCTTTTACTGACCTGCAGAG  
 GAGGATTTATGCTATTGAGGGCACAAACAGACAGGACCTGACATCCTTTAACATGGAACCTCCTCCAGC  
 GGGATCAGCGCAGACCTCAGCAAGGGCCATGCAGTTGTGGGAGCTGTTGGGGCTAAGGATTGGGCCGGGG  
 GCTTTCTGGACCTGCGTGAAGACCTGCAGGGTCCACATTTGTTGGGCAGGAACCCGCTGACCTCAGATG  
 GAGAGGGGGCTACCTGGTTTACTGTGGCCTGGATGACCTCCCGAGCTCCAGACCCCTGCTGGCAGCA  
 GGAGCCCCACGGTACCAGCATGTGGACAAGTACTGCTTTTCCAAGCCCCAGAGGCTGGAGGACGTTGGA  
 ACCAAACCCAGAAGATAGAAGGGACTCAGATCGGATCTTACTTTGGTGGGGAACATGTAGTGTTGACCT  
 GGACCAAGATGGCGAGGAGAGCTGCTGCTGATTGGAGCACCCCTGTTCTTTGGGGAGCAGAGAGGAGGC  
 CGAGTGTTCACTTACCAGAGAAGACAGTCGCTGTTTGAATGGTCTCAGAGCTACAGGGTACCCTGGCT



ACCCGCTTGGTCGGTTTGGAGCCGCCATAACTGCCCTGACGGACATCAATGGGGATAGGCTGACTGATGT  
 GGCTGTGGGAGCCCTTTGGAGGAGCAGGGGGCTGTGTACATCTTCAATGGGAAGCCTGGTGGGCTCAGT  
 CCCAGCCAAGCCAGCGTATACAAGGAGCCAGGTGTTCCAGGAATCCGGTGGTTTGGCCGCTCCATCC  
 ATGGGGTGAAGGACCTTGGAGGGGACAGGCTGGCAGATGTGGTTGTAGGAGCTGAGGGTCGGGTGGTTGT  
 GCTGAGCTCCAGCCGGTGGTGGATGTGGTCACTGAGCTGTCTTCTCCCAGAGGAAATCCCAGTGCAC  
 GAGGTGGAGTGTCTACTCAGCCAGGGAGGAGCAGAAACACGGAGTCAAGCTCAAGGCATGCTTCCGGA  
 TCAAGCCCCTCAGCCACAGTTTCAAGGTCGCCTGCTTCCCAACCTCAGCTACACCTGCAGCTGGATGG  
 CCATCGGATGAGGAGCCGAGGGTTGTTCCAGATGGAAGCCACGAGCTCAGTGGAACACCTCCATCACC  
 CCAGATAAATCCTGCTTGGACTTCCACTTCCACTTCCCGATCTGCATTCAAGACCTCATCTCCCCTATCA  
 ATGTCTCCCTGAATTTCTCTCTTTTGGAGGAAGAAGGAACACCAAGGGACCAAAAGGGCAGGGCCATGCA  
 GCCTATCCTGAGACCTTCAATCCACACAGTGACTAAGGAGATCCCTTTTGAAGAAGTGTGGTGAAGAT  
 AAGAAGTGTGAGGCAAACCTGACCCTGTATCCCCTGCCAGATCTGGACCCCTGCGTCTGATGTCTCTG  
 CCAGCCTTGCTGTGGAGTGGACTGAGCAACTCAGGGGAAGATGCCTACTGGGTGCGATTAGACCTGGA  
 CTTCCCTCGGGACTCTCTTCCGAAAGTGGAGATGCTTCAGCCACACAGCCGAATGCCTGTGAGCTGC  
 GAGGAGCTCACCGAGGGTCAAGTCTCCTGACTAAGACTGAAATGCAATGTAAGCTCTCCCATCTTCA  
 AAGCAGGCCAGGAGGTGAGCCTCCAGGTGATGTTAACACGCTACTCAACAGCTCCTGGGAAGACTTCGT  
 TGAGCTGAATGGCACTGTGCACTGTGAGAATGAGAAGTCAAGCCTCCAGGAGGACAACTCAGCCGCCACC  
 CACATTCCTGTCTGTACCCTGTCAACATCCTTACTAAGGAGCAGGAGAACTCCACTCTATATCAGTT  
 TCACCCCTAAAGTCCCAAGACCAACAAGTCCAGCATGTCTACCAGGTGAGGATTCAGCCATCTGCCTA  
 TGACCACAATGCCACACTAGAGGCCTTGGTTGGGGTGGCCTGGCCTCACAGTGAAGACCCCATCACA  
 TACATGAGGTGTACAGACGGATCCCCTTGTCACTTCCACAGCAGGAGGACCTGAAGAGGCCGTCAGCG  
 AAGCTGAGCAGCCTTGTCTGCTGGAGTCCAGTCCGCTGTCCAATTGTCTTCAAGGCGGAGATCCTCAT  
 CCAAGTGAAGGACCGTGGAACTCTCCAAGGAAATCAAGGCCTCCTCCACACTCAGCTGTGAGCTCA  
 CTCTCCGTCTCCTTCAACAGCAGCAAGCATTTCATTTGTATGGCAGCAAGCCTCCGAGGCCAGGTCC  
 TCGTGAAGGTTGACCTGATCCACGAGAAGGAGATGCTTACGTGTACGTACTCAGCGCATTGGGGCCT  
 CGTGCTTCTGTTCTGATTTTCTGGCGCTCTACAAGGTTGGCTTCTTCAACGGAACCTGAAGGAGAAG  
 ATGGAGGCTGATGGAGGTGTTCCAAATGGAAGCCCTCCAGAAGACTGACCCTCTGGCAGTACCTGGGG  
 AAGAGACCAAGATATGGGCTGTCTAGAGCCCTCCGGGAGAGTGACAAGGACTAA

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAAGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM\_001253873
- 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\\_001253873.1](#), [NP\\_001240802.1](#)

**RefSeq Size:** 5222 bp

**RefSeq ORF:** 3486 bp

**Locus ID:** 16408

**Cytogenetics:** 7 69.44 cM