

Product datasheet for **MC229427**

Itgal (NM_001253872) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Itgal (NM_001253872) 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: >MC229427 representing NM_001253872
Red=Cloning site **Blue**=ORF **Orange**=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGAGTTTCCGGATTGCGGGCCCCAGACTTTTGCTACTGGGACTCCAGCTGTTTGCCAAGGCTGGAGCT
ACAACCTGGACACACGGCTACGCAGAGCTTCTGGCACAAGCTGGAAGACATTTTGGGTACCAGGTCTT
GCAGATTGAAGATGGGGTTGTCGTGGGAGCCCCAGGTGAGGGGGACAACACGGGAGGCCTCTACTACTGC
CGAACAAGCAGCGAGTTCTGCCAGCCAGTCAGCCTACATGGTTCTAACCATACCTCCAAGTACTTGGGAA
TGACGCTGGCAACAGATGCCGCCAAGGGAAGCCTTTTGGCCTGTGACCCTGGACTGTCTCGGACATGCGA
TCAGAACACTTACCTCAGTGGCCTCTGCTACCTCTCCCCAGAGTCTGGAGGGACCTATGTTACAAAAT
CGTCCCGCCTATCAGGAATGATGAAGGGCAAAGTCGACCTGGTGTCTGTTTCGATGGCTCACAGAGCT
TGGATAGAAAGGACTTTGAAAAATCCTGGAATTCATGAAGGATGTGATGAGGAAGCTCAGCAATACTTC
CTACCAGTTTGTGCCGTCCAGTTCTCCACAGACTGCAGAACAGAATTTACTTTCTTGGACTACGTTAAG
CAGAAACAAGAACCCGATGTTCTGCTAGGCAGCGTGCAGCCATGTTCTTGCTGACCAATACCTTTTCGTG
CCATCAACTATGTTGGTGGCACACGTGTTCAAAGAAGAGTCTGGTGCCAGGCCGGATGCTACCAAGTGCT
TGTCACTATTACAGACGGGGAGGCAAGTGATAAAGGCAACATCAGTGCCGGCCACGACATAACCCGCTAC
ATCATCGGGATTGGCAAGCATTTTGTGAGCGTACAAAAGCAAAAGACGCTCCACATATTTGCCTCAGAAC
CTGTAGAGGAATTTGTGAAGATTCTGGACACCTTTGAGAAGCTGAAGGATCTTTTACTGACCTGCAGAG
GAGGATTTATGCTATTGAGGGCACAAACAGACAGGACCTGACATCCTTTAACATGGAACCTCCTCCAGC
GGGATCAGCGCAGACCTCAGCAAGGGCCATGCAGTTGTGGGAGCTGTTGGGGCTAAGGATTGGGCCGGGG
GCTTTCTGGACCTGCGTGAAGACCTGCAGGGTCCACATTTGTTGGGCAGGAACCCGCTGACCTCAGATG
GAGAGGGGGCTACCTGGTTTACTGTGGCCTGGATGACCTCCCGGAGCTCCAGACCCCTGCTGGCAGCA
GGAGCCCCACGGTACCAGCATGTGGACAAGTACTGCTTTTCCAAGCCCCAGAGGCTGGAGGACGTTGGA
ACCAAACCCAGAAGATAGAAGGGACTCAGATCGGATCTTACTTTGGTGGGGAACATGTAGTGTTGACCT
GGACCAAGATGGCGAGGAGAGCTGCTGCTGATTGGAGCACCCCTGTTCTTTGGGGAGCAGAGAGGAGGC
CGAGTGTTCACTTACCAGAGAAGACAGTCGCTGTTTGAATGGTCTCAGAGCTACAGGGTACCCTGGCT



ACCCGCTTGGTCGGTTTGGAGCCGCCATAACTGCCCTGACGGACATCAATGGGGATAGGCTGACTGATGT
 GGCTGTGGGAGCCCTTTGGAGGAGCAGGGGGCTGTGTACATCTTCAATGGGAAGCCTGGTGGGCTCAGT
 CCCCAGCAAGCCAGCGTATACAAGGAGCCAGGTGTTCCAGGAATCCGGTGGTTTGGCCGCTCCATCC
 ATGGGGTGAAGGACCTTGGAGGGGACAGGCTGGCAGATGTGGTTGTAGGAGCTGAGGGTCGGGTGGTTGT
 GCTGAGCTCCAGCCGGTGGTGGATGTGGTCACTGAGCTGTCTTCTCCCAGAGGAAATCCCAGTGCAC
 GAGGTGGAGTGTCTACTCAGCCAGGGAGGAGCAGAAACACGGAGTCAAGCTCAAGGCATGCTTCCGGA
 TCAAGCCCCTCAGCCACAGTTTCAAGGTGCGCTGCTTCCCAACCTCAGCTACACCTGCAGCTGGATGG
 CCATCGGATGAGGAGCCGAGGGTTGTTCCAGATGGAAGCCACGAGCTCAGTGGAAACACCTCCATCACC
 CCAGATAAATCCTGCTTGGACTTCCACTTCCACTTCCCGATCTGCATTCAAGACCTCATCTCCCCTATCA
 ATGTCTCCCTGAATTTCTCTCTTTTGGAGGAAGAAGGAACACCAAGGGACCAAAAGGTGGCAGGGCCAT
 GCAGCCTATCCTGAGACCTTCAATCCACACAGTACTAAGGAGATCCCTTTTGAAGAAGTGTGGTGA
 GATAAGAAGTGTGAGGCAAACTGACCCTGTATCCCCTGCCAGATCTGGACCCCTGCGTCTGATGTCT
 CTGCCAGCCTTGTGTGGAGTGGACTGAGCAACTCAGGGGAAGATGCCTACTGGGTGCGATTAGACCT
 GGACTTCCCTCGGGACTCTCTTCCGAAAGTGGAGATGCTTCAGCCACACAGCCGAATGCCTGTGAGC
 TGGCAGGAGCTCACCGAGGGTCAAGTCTCCTGACTAAGACACTGAAATGCAATGTAAGCTCCCATCT
 TCAAAGCAGGCCAGGAGGTGAGCCTCCAGGTGATGTTTAAACACGCTACTCAACAGCTCCTGGGAAGACTT
 CGTTGAGCTGAATGGCACTGTGCACTGTGAGAATGAGAATCAAGCCTCCAGGAGGACAACCTCAGCCGCC
 ACCCACATTCTGTCTGTACCCTGTCAACATCCTTACTAAGGAGCAGGAGAATCCACTCTTATATCA
 GTTTCACCCCTAAAGGTCCCAAGACCAACAAGTCCAGCATGTCTACCAGGTGAGGATTCAGCCATCTGC
 CTATGACCACAACATGCCACACTAGAGGCCTTGGTTGGGGTGCCTGGCCTCACAGTGAGGACCCATC
 ACATACACATGGAGTGTACAGACGGATCCCCTTGTCACTTGCCACAGCGAGGACCTGAAGAGGCCGTCCA
 GCGAAGCTGAGCAGCCTTGTCTGCCTGGAGTCCAGTCCGCTGTCCAATTGTCTTCAGGCGGGAGATCCT
 CATCCAAGTGACGGGGACCGTGGAACTCTCCAAGGAAATCAAGGCCTCCTCCACTCAGCCTCTGCAGC
 TCACTCTCCGTCTCCTTCAACAGCAGCAAGCATTCCATTTGTATGGCAGCAAAGCCTCCGAGGCCAGG
 TCCTCGTGAAGGTTGACCTGATCCACGAGAAGGAGATGCTTACGTGTACGTACTCAGCGCATTGGGGG
 CCTCGTCTTCTGTTCTGATTTTCTGGCGCTCTACAAGTTGGCTTCTTCAAACGGAACCTGAAGGAG
 AAGATGGAGGCTGATGGAGGTGTTCCAAATGGAAGCCCTCCAGAAGACTGACCCTCTGGCAGTACCTG
 GGAAGAGACCAAGATATGGGCTGTCTAGAGCCCTCCGGGAGAGTGACAAGGACTAA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_001253872
- Insert Size:** 3489 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_001253872.1](#), [NP_001240801.1](#)

RefSeq Size: 5225 bp

RefSeq ORF: 3489 bp

Locus ID: 16408

Cytogenetics: 7 69.44 cM