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# Product datasheet for MC223935

## Itgad (NM_001029872) Mouse Untagged Clone

### Product data:

| | |
|---|---|
| **Product Type:** | Expression Plasmids |
| **Product Name:** | Itgad (NM_001029872) Mouse Untagged Clone |
| **Tag:** | Tag Free |
| **Symbol:** | Itgad |
| **Synonyms:** | Cd11d |
| **Mammalian Cell Selection:** | Neomycin |
| **Vector:** | pCMV6-Entry (PS100001) |
| **E. coli Selection:** | Kanamycin (25 ug/mL) |

**Fully Sequenced ORF:**

>MC223935 representing NM_001029872
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGCACTGCTCAGCTATGGTCCGTGGAGTTGTGATCCTCCTGTGTGGCTGGGCCCTGGCTTCCTGTCATG
GGTCTAACCTGGATGTGGAGAAGCCCGTCGTGTTCAAAGAGGATGCAGCCAGCTTCGGACAGACTGTGGT
GCAGTTTGGTGGATCTCGACTCGTGGTGGGAGCCCCTCTGGAGGCGGTGGCAGTCAACCAAACAGGACAG
TTGTATGACTGTGCGCCTGCCACTGGCGTGTGCCAGCCCATCTTACTGCACATTCCCCTAGAGGCAGTGA
ACATGTCCCTGGGCCTGTCTCTGGTGGCTGACACCAATAACTCCCAGTTGCTGGCTTGTGGTCCAACTGC
ACAGAGAGCTTGTGCAAAGAACATGTATGCAAAAGGTTCCTGCCTCCTTCTGGGCTCCAGCTTGCAGTTC
ATCCAGGCAATCCCTGCTACCATGCCAGAGTGTCCAGGACAAGAGATGGACATTGCTTTCCTGATTGATG
GCTCCGGCAGCATTGATCAAAGTGACTTTACCCAGATGAAGGACTTCGTCAAAGCTTTGATGGGCCAGTT
GGCGAGCACCAGCACCTCGTTCTCCCTGATGCAATACTCAAACATCCTGAAGACTCATTTTACCTTCACG
GAATTCAAGAGCAGCCTGAGCCCTCAGAGCCTGGTGGATGCCATCGTCCAGCTCCAAGGCCTGACGTACA
CAGCCTCGGGCATCCAGAAAGTGGTAGACAGCAACAGGCTCCTTCTTCTACGTGTCTGGTCAGCACTGAA
GCCAGGTTGCCACTACAACACTCACATGCCATGGTGGGTCTGGCAGAGGGTACGGTTCTCCTGGAAAGAG
CTATTTCATAGCAAGAATGGGGCCCGAAAAAGTGCCAAGAAGATACTAATTGTCATCACAGATGGGCAGA
AATTCAGAGACCCCCTGGAGTATAGACATGTCATCCCTGAAGCAGAGAAAGCTGGGATCATTCGCTATGC
TATAGGGGTGGGAGATGCCTTCCGGGAACCCACTGCCCTACAGGAGCTGAACACCATTGGCTCAGCTCCC
TCGCAGGACCACGTGTTCAAGGTGGGCAATTTTGTAGCACTTCGCAGCATCCAGCGGCAAATTCAGGAGA
AAATCTTTGCCATTGAAGGAACCGAATCAAGGTCAAGTAGTTCCTTTCAGCACGAGATGTCACAAGAAGG
TTTCAGCTCAGCTCTCTCAATGGATGGACCAGTTCTGGGGGCTGTGGGAAGCTTCAGCTGGTCTGGAGGT
GCCTTCTTGTACCCCTCAAATATGAGATCCACCTTCATCAACATGTCTCAGGAGAACGAGGATATGAGGG
ACGCTTACCTGGGTTACTCCACCGCACTGGCCTTTTGGAAGGGGGTCCACAGCCTGATCCTGGGGGCCCC
TCGCCACCAGCACACGGGGAAGGTTGTCATCTTTACCCAGGAATCCAGGCACTGGAGGCCCAAGTCTGAA



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GTCAGAGGGACACAGATCGGCTCCTACTTTGGGGCATCTCTCTGTTCTGTGGACATGGATAGAGATGGCA
GCACTGACCTGGTCCTGATTGGAGTCCCCCATTACTATGAGCACACCCGAGGGGGGCAGGTGTCGGTGTG
CCCCATGCCTGGTGTGAGGAGCAGGTGGCATTGTGGGACCACCCTCCATGGGGAGCAGGGCCATCCTTGG
GGCCGCTTTGGGGCGGCTCTGACAGTGCTAGGGGACGTGAATGGGGACAGTCTGGCGGATGTGGCTATTG
GTGCACCCGGAGAGGAGGAGAACAGAGGTGCTGTCTACATATTTCATGGAGCCTCGAGACAGGACATCGC
TCCCTCGCCTAGCCAGCGGGTCACTGGCTCCCAGCTCTTCCTGAGGCTCCAATATTTTGGGCAGTCATTA
AGTGGGGGTCAGGACCTTACACAGGATGGCCTGGTGGACCTGGCCGTGGGAGCCCAGGGGCACGTGCTGC
TGCTTAGGAGTCTGCCTTTGCTGAAAGTGGGGATCTCCATTAGATTTGCCCCCTCAGAGGTGGCAAAGAC
TGTGTACCAGTGCTGGGGAAGGACTCCCACTGTCCTCGAAGCTGGAGAGGCCACCGTCTGTCTCACTGTC
CGCAAAGGTTCACCTGACCTGTTAGGTGATGTCCAAAGCTCTGTCAGGTATGATCTGGCGTTGGATCCGG
GCCGTCTGATTTCTCGTGCCATTTTTGATGAGACGAAGAACTGCACTTTGACCCGAAGGAAGACTCTGGG
GCTTGGTGATCACTGCGAAACAATGAAGCTGCTTTTGCCAGACTGTGTGGAGGATGCAGTGACCCCTATC
ATCCTGCGCCTTAACTTATCCCTGGCAGGGGACTCTGCTCCATCCAGGAACCTTCGTCCTGTGCTGGCTG
TGGGCTCACAAGACCATGTAACAGCTTCTTTCCCGTTTGAGAAGAACTGTAAGCAGGAGCTCCTGTGTGA
GGGGAACCTGGGCGTCAGCTTCAACTTCTCAGGCCTGCAGGTCTTGGAGGTAGGAAGCTCCCCAGAGCTC
ACTGTGACAGTAACAGTTTGGAATGAGGGTGAGGACAGCTATGGAACCTTAATCAAGTTCTACTACCCAG
CAGAGCTATCTTACCGACGGGTGACAAGAGCCCAGCAACCTCATCCGTACCCACTACGCCTGGCATGTGA
GGCTGAGCCCACGGGCCAGGAGAGCCTGAGGAGCAGCAGCTGTAGCATCAATCACCCCATCTTCCGAGAA
GGTGCCAAGGCCACCTTCATGATCACATTTGATGTCTCCTACAAGGCCTTCCTGGGAGACAGGTTGCTTC
TGAGGGCCAGCGCAAGCAGTGAGAATAATAAGCCTGAAACCAGCAAGACTGCCTTCCAGCTGGAGCTTCC
GGTGAAGTACACGGTCTATACCGTGATCAGTAGGCAGGAAGATTCTACCAAGCATTTCAACTTCTCATCT
TCCCACGGGGAGAGACAGAAAGAGGCCGAACATCGATATCGTGTGAATAACCTGAGTCCATTGACGCTGG
CCATCAGCGTTAACTTCTGGGTCCCCATCCTTCTGAATGGTGTGGCCGTGTGGGATGTGACTCTGAGGAG
CCCAGCACAGGGTGTCTCCTGTGTGTCACAGAGGGAACCTCCTCAACATTCCGACCTTCTGACCCAGATC
CAAGGACGCTCTGTGCTGGACTGCGCCATCGCCGACTGCCTGCACCTCCGCTGTGACATCCCCTCCTTGG
GCACCCTGGATGAGCTTGACTTCATTCTGAAGGGCAACCTCAGCTTCGGCTGGATCAGTCAGACATTGCA
GAAAAAGGTGTTGCTCCTGAGTGAGGCTGAAATCACATTCAACACATCTGTGTATTCCCAGCTGCCGGGA
CAGGAGGCATTTCTGAGAGCCCAGGTGTCAACGATGCTAGAAGAATACGTGGTCTATGAGCCCGTCTTCC
TCATGGTGTTCAGCTCAGTGGGAGGTCTGCTGTTACTGGCTCTCATCACTGTGGCGCTGTACAAGCTTGG
CTTCTTCAAACGTCAGTATAAAGAGATGCTGGATCTACCATCTGCAGATCCTGACCCAGCCGGCCAGGCA
GATTCCAACCATGAGACTCCTCCACATCTCACGTCCTAG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

**Chromatograms:** https://cdn.origene.com/chromatograms/ja1826_d04.zip

**Restriction Sites:** SgfI-MluI

**ACCN:** NM_001029872

**Insert Size:** 3609 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:** NM_001029872.3, NP_001025043.3

**RefSeq Size:** 3975 bp

**RefSeq ORF:** 3609 bp

**Locus ID:** 381924

**Cytogenetics:** 7 F3