

Product datasheet for **MC223801**

Itga10 (NM_001081053) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Itga10 (NM_001081053) Mouse Untagged Clone
Tag: Tag Free
Symbol: Itga10
Synonyms: A630048L14
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC223801 representing NM_001081053
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGC**C

ATGGAGTCTCTCCATCCCTCACCTGCTCCTGCCCTGGCGTTGCTGACAGGTCTCTGCTCCTCCTTTA
 ATCTGGATGAACACCACCCACGACTCTTACAGGGCCACCAGAGGCCGAATTTGGATACAGTGTCTTACA
 GCATGTTGGGGTGGACAGCGATGGATGCTGGTGGGTGCCCCCTGGGATGGCCATCAGGTGACCGGAGA
 GGGGATGTTTATCGTTGCTCTATAGGGGATTCCACAGTGTCCATGTACCAAAGGCCACCTGGGTGACT
 ATCAACTTGAAATTCCTCTCAGCCTGCTGTGAATATGCACCTAGGGATGTCTCTACTAGAGACAGATGC
 TGATGGGGGATTGATGGCCTGTGCCCTCTTTGGTCTCGTGCCTGCGGCAGCTCTGTCTTCAAGTCTGGA
 ATATGTGCCCGTGTGGATGCTTCATTCCGGCCCGAGGAAGCCTGGCACCCACCGCCCAACGCTGTCCCA
 CATACATGGATGTCGTCATTGTTTTGGATGGCTCCAACAGTATCTATCCCTGGTCCAGAGTTCAGACTTT
 CCTTCGGAGGCTGGTAGGAAGACTGTTTCATCGATCCGGAGCAGATACAGGTAGGACTGGTACAGTACGGG
 GAGAACCCTGTGCATGAGTGGTCCCTGGGAGACTTCCGAACAAAGGAAGAAGTTGTGAGAGCAGCAAGGA
 ACCTAAGTCGGAGGGAAGGGCGAGAAACGAGAACCAGCCCAAGCGATCATGGTGGCATGCACAGAAGGTT
 CAGTCAGTCCCGGGGGGACGACCAGAGGCCGCTAGGCTGCTGGTAGTTGTCACTGATGGAGAGTCCCAT
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 TGATCCAGATGAGCGATTCTTCTCAATGTCACCGATGAAGCTGCGCTGACAGACATTGTGGATGCACTG
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 AGATTGGCTTCCATCCACCGACTACAGGATGGGATTCTCTTTGGATGGTGGGGCCATGACTGGGG
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 GCCGCCTTTTCTCAGGGGCACCGAGTTTLAGACATCGAGGAAAAGTTATCGCTTCCAGCTAAAGAA
 AGATGGGGTGTGAGGGTCGCCAGAGCCTCCAGGGGATCAGATTGGCTCATACTTTGGCAGCGAGCTC
 TGCCCGTTGGATACAGATAAGGACGGAATAACTAATATCTTACTTGTGGCGGCTCCCATGTTCTGGGTC



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CCCAGAACAAGGAGACCGGACGCGTTTTATGTGTACATGGTGGGCCAGCAAAATTTGCTAATGCTCCAAGG
AACCC TTCAGCCAGACCGTTCCAGGATTCTCGGTTTGGCTTTGCCATGGCTGCTCTTCTGATCTGAAC
CATGATGGTTTTACTGATGTAGCGGTGGGGGCACCCCTGGAGGATGGACACCGGGGAGCGTTGTACCTGT
ATCATGGAACCCAGACTGGAATCAGGCCGATCCTACCCAGAGGATTGCTGCTGTCTCCATGCCACAGGC
CCTCCGATACTTCGGCCGAAGTGTGGATGGCCGCTTAGATCTGGATGGAGATGATCTTGTAGATGTTGCC
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TGATGCCTCCCACATCAGTGTGGTT CAGAAGGACTGTAAAAGACGAGGCCAGGAAGCAGCCTGTCTGAC
CGCAGCCCTTTGCTTCCAAGTAGTGTCTCAAACCTCTGGGCGTTGGGATAGAAGATTCTACATAAGATTC
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TCAAGTGGACGACAGAAAGTGTGGTGTCTGCGACCTGGAGAACAGAAAGGAGAATGCCTACAACACT
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GGCCAAGTGAGCTTCTGTTAGAGTTGAATTTAGCTGCACCTTCTCCTGAGCCAGGTCTTTGTGAGG
CTGACTGCCAGTAGCAGTAGCCTAGAGATGAATGAGACCTTCAAGATAACACAGCTCAGACCTCTGCCT
ACATCCGGTACGAACCTCACCTCGTGTCTCCAGTGAATGAGTCCACTCTGCATCGGTATGAGGTTACCCCTTA
TAGGACTCTCCAATGGGTCTGGCCCTGAATTAAGACCCTT TAGGGTT CAGAATCTTGGTTGCCAT
GTGGTCAGTGGTCTCGTCATCTCGCCCTCCTTCCAGCTGTAGCCATGGGGTAACTACTTCTGTGCAC
TATCTCAAGTCATCTCTGGCAATGCAAGCTGCACGGTGCAGAACCTGACTGAGCCCCGGGTTCCCTGT
GCACCCAGAGGAGCTT CAGCATGCAAGCAGACTGAATGGGAGTAAACAGTCGATGTCAGGTGGTAAGGTGC
CACCTTGGACTGCTGGCAAAGGGGACTGAGATCTGTGTCAGGCTGCTGAGGCTGGTT CACAATGAATTCT
TTCGGAGGGCCAAGTTCAAGTCTGTGACAGTGGTCAGCACCTTCAAGTTAGAACTGAGGAGGGCAGTGT
CCTACTACTGAATGAAGCCTCCCGCTCGAGTGAAGTCACTTGGAGGTGATT CAGACCCACCCGACCCTC
ATCTCCCTGTGGATCCTCGTTGGCAGTGTCTGGGGGGCTGCTCCTGCTTGTCTCCTTGTCTTCTGCC
TGTGGAAGCTTGGCTTTTACCCGTAAGAAAATCCCCAAGAAGAAGAAAGTGAGGAGAAGTTGGAGCA
GTGA
    
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AGCGGACCGACGCGTACGCGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC
TGGATTACAAGGATGACGACGATAAGGTTTAA
    
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- Restriction Sites:** SgfI-RsrII
- ACCN:** NM_001081053
- Insert Size:** 3504 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).
- 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_001081053.1](#), [NP_001074522.1](#)

RefSeq Size: 5044 bp

RefSeq ORF: 3504 bp

Locus ID: 213119

Cytogenetics: 3 F2.1