

Product datasheet for MC229431

Itga10 (NM_001302471) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Itga10 (NM_001302471) 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:	>MC229431 representing NM_001302471 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGC**C

ATGGAGTCTCTCCATCCCTCACCTGCTCCTGCCCTGGCGTTGCTGACAGGTCTCTGCTCCTCCTTTA
ATCTGGATGAACACCACCCACGACTCTCACAGGGCCACCAGAGGCCGAATTTGGATACAGTGTCTTACA
GCATGTTGGGGTGGACAGCGATGGATGCTGGTGGGTGCCCCCTGGGATGGCCATCAGGTGACCGGAGA
GGGGATGTTTATCGTTGCTCTATAGGGGATTCCACAGTGTCCATGTACCAAAGGCCACCTGGGTGACT
ATCAACTTGAAATTCCTCTCAGCCTGCTGTGAATATGCACCTAGGGATGTCTCTACTAGAGACAGATGC
TGATGGGGGATTGATGGCCTGTGCCCTCTTTGGTCTCGTGCCTGCGGCAGCTCTGTCTTCAAGTCTGGA
ATATGTGCCCGTGTGGATGCTTCATTCCGGCCCGAGGAAGCCTGGCACCCACCGCCCAACGCTGTCCCA
CATACATGGATGTCGTCATTGTTTTGGATGGTCCAACAGTATCTATCCCTGGTCCAGAGTTCAGACTTT
CCTTCGGAGGCTGGTAGGAAGACTGTTTCATCGATCCGGAGCAGATACAGGTAGGACTGGTACAGTACGGG
GAGAACCCTGTGCATGAGTGGTCCCTGGGAGACTTCCGAACAAAGGAAGAAGTTGTGAGAGCAGCAAGGA
ACCTAAGTCGGAGGGAAGGGCGAGAAACGAGAACCAGCCCAAGCGATCATGGTGGCATGCACAGAAGGTT
CAGTCAGTCCCGGGGGGACGACCAGAGGCCGCTAGGCTGCTGGTAGTTGTCACTGATGGAGAGTCCCAT
GATGGAGAGGAACTCCAGCAGCGCTAAAGGCCTGTGAGGCTGGCAGAGTGACACGTTATGGGATTGCGG
TCCTTGGTCACTATCTCCGGCAGAGAGACCCAGCTCTTTTCTTCGGGAAATCAGAGCTATTGCTAG
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AGATTGGCTTCCATCCACCGACTACAGGATGGGATTCTCTTTGGGATGGTGGGGCCATGACTGGGG
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CCCCCTGCGTTGAGAACCATGCGGCCTACCTGGTTACTCTGTTTCTCCATGCTTCTCCCGGTGGAC
GCCGCCTTTTCTCAGGGGCACCGAGGTTTAGACATCGAGGAAAAGTTATCGCTTCCAGCTAAAGAA
AGATGGGGTGTGAGGGTCGCCAGAGCCTCCAGGGGATCAGATTGGCTCATACTTTGGCAGCGAGCTC
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CCCAGAACAAGGAGACCGGACGCGTTTTATGTGTACATGGTGGGCCAGCAAAATTTGCTAATGCTCCAAGG
AACCC TTCAGCCAGACCGTTCCAGGATTCTCGGTTTGGCTTTGCCATGGCTGCTTTCCTGATCTGAAC
CATGATGGTTTTACTGATGTAGCGGTGGGGGCACCCCTGGAGGATGGACACCGGGGAGCGTTGTACCTGT
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CCTCCGATACTTCGGCCGAAGTGTGGATGGCCGCTTAGATCTGGATGGAGATGATCTTGTAGATGTTGCC
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CGCAGCCCTTTGCTTCCAAGTAGTGTCTCAAACCTCCTGGGCGTTGGGATAGAAGATTCTACATAAGATTC
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AATGTGTACAGACCTGGTGTCTCAAGCTGACATGGACATCAGAGGCTCCAGGAAGTCCCCATTTGTGGT
TCAAGGTGGACGACAGAAAGTGTGGTGTCTGCGACCTGGAGAACAAGAAGGAGAATGCCTACAACACT
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TGGAGTGCAGTCCCTTCCCCCATACCCGGCTCTGCACCGTGGGGCATCCGGTCTTCCAGACTGGGGC
CAAGGTGAGCTTCTGTAGAGTTTGAATTTAGCTGCACCTTCTCCTGAGCCAGGTCTTTGTGAGGCTG
ACTGCCAGTAGCAGTAGCCTAGAGATGAATGAGACCCTTCAAGATAACACAGCTCAGACCTCTGCCTACA
TCCGGTACGAACCTCACCTCGTGTCTCCAGTGAAGTCCACTCTGCATCGGTATGAGGTTCCACCTTATAG
GACTCTCCCAATGGGTCTGGCCCTGAATTCAGACCCTTCTAGGGTTCAGAATCTTGGTTGCCATGTG
GTCAGTGGTCTCGTCACTCCGCCCTCCTTCCAGCTGTAGCCATGGGGTAACTACTTCTGTCACTAT
CTCAAGTCACTCTGGCAATGCAAGCTGCACGGTGCAGAACCTGACTGAGCCCCGGGCTTCCCTGTGCA
CCCAGAGGAGCTTCAGCATGCAAGCAGACTGAATGGGAGTAACAGTCAATGTCAGGTGGTAAGGTGCCAC
CTTGGACTGCTGGCAAAGGGGACTGAGATCTCTGT CAGGCTGCTGAGGCTGGTTACAATGAATCTTTTC
GGAGGGCCAAGTTCAGTCTGTGACAGTGGTGCAGCACCTTCAAGTTAGGAACTGAGGAGGCGAGTGTCTT
ACTACTGAATGAAGCCTCCCGCTCGAGTGAAGTCACTTGGAGGTGATTGAGACCACCCGACCTCATC
TCCCTGTGGATCCTCGTTGGCAGTGTCTGGGGGGCTGCTCCTGCTTCTCCTTGTCTTCTGCTGTG
GGAAGCTTGGCTTCTTACCCGTAAGAAAATCCCCAAAGAAGAAGAAAGTGAAGGAGAAGTTGGAGCAGTG
A

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AGCGGACCGACGCGTACGCGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC
TGGATTACAAGGATGACGACGATAAGGTTTAA

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- Restriction Sites:** SgfI-RsrII
- ACCN:** NM_001302471
- Insert Size:** 3501 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_001302471.1, NP_001289400.1

RefSeq Size: 5041 bp

RefSeq ORF: 3501 bp

Locus ID: 213119

Cytogenetics: 3 F2.1