

Product datasheet for RN210775

Itga10 (NM_001107699) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Itga10 (NM_001107699) Rat Untagged Clone
Tag: Tag Free
Symbol: Itga10
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >RN210775 representing NM_001107699
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCGCGATCGCC

ATGGAGCTTCCCTCCATCCCTCACCTGTTCTTGCCCTTGGCTTGCTGACAGGTCTCTGCTCCCCCTTTA
 ATTTGGATGAGCATCACCCACGCTATTCACAGGGCCACCAGAGGCTGAATTTGGATACAGTGTCTTACA
 GCATGTTGGGGTGGACAGCGATGGATGCTGGTGGCGCCCCCTGGGATGGCCTTCAGGTGACCGAAAG
 GGGGATGTTTATCGTTGCTCTATAGGGGATTCCACAGTGTCCATGTACCAAAGGCCACCTGGGTGACT
 ATCAACTGGGAAATTCCTCTCAGCCTGCTGTAATATGCACCTCGGGATGTCTCTCTGGAGACAGATGC
 TGATGGGGGATTCATGGCCTGTGCCCTCTCTGGTCTCGTGCCTGCGGCAGCTCTGTCTTCAGTTCTGGA
 ATATGTGCCCATGTGGATGCTTCATTCCGACTTCAGGGGAGCCTGGCACCAGCCGCAACGTTGTCCTA
 CATACATGGATGTCGTCATTGTTTTGGATGGCTCCAATAGTATCTATCCCTGGTCAGAAGTTCAGACTTT
 CCTTCGGAGGCTGGTAGGAAGACTGTTTATCGATCCAGAGCAGATACAGGTAGGACTGGTACGTACGGG
 GAGAACCCTGTGCACGAGTGGTCCCTGGGAGATTCGGGACAAAGGAAGAAGTTGTGAGAGCAGCGAGGA
 ACCTCAGTCGGAGGGAGGGCGAGAAACGAGAACGGCCCAAGCAATAATGGTGGCATGCACAGAAGGTT
 CAGTGAGTCCCGGGCGCAGACCAGAGCCGCTAGGCTGCTGGTGTGCACTGATGGGGAGTCTCAC
 GACGGAGAGGAGCTTCCAGCAGCGCTAAAGGCCTGTGAGGCTGGAAGAGTAACACGTTACGGGATTGCGG
 TCCTTGGTCACTATCTCCGGCAGACAGAGAGACCCAGCTTTTTCTTCGGGAAATCAGAGCCATTGCTAG
 TGATCCAGATGAGCGATTCTTCTCAATGTACGGATGAGGCCGCGTGACGGACATCGTGGATGCGCTG
 GGAGACCGGATTTTTGGCCTGAAGGATCCCGTGGAGAAAATGAAAGCTCCTTTGGGCTAGAAATGTCCG
 AGATTGGCTTCTCCATCCACCGCTACAGGATGGGATTCTTTGGGATGGTGGGGCTTATGACTGGGG
 GGGCTCCGTGCTATGGCTGAAGAAGGTGCGCCCTTTCCGCCACGAAGTCCCTGGAAGATGAGTTT
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 GCCGGCTCTTCTCAGGGGCACCGAGGTTTAGACATCGAGGAAAAGTTATCGCCTCCAGCTAAAGAA
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 TGCCCGTTGGACACAGATATGGACGGAATAACTAATATCTTACTTGTGGCGGCTCCCATGTTCTGGGTC
 CCCAGAACAGGAGACTGGACGATTTATGTGTACGTGGTGGCCAGCAAAATTTGCTGATGCTCCAGGG
 AACCTTCAGCCAGACCCTCCAGGATTCTCGGTTTGGCTTGTGCTATGGCTGCTTCTCTGATCTGAAC



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CACGACGGTTTCAGTGATGTAGCAGTGGGGCACCTCTGGAGGATGGCCACCAGGGAGCACTGTACCTGT
 ATCACGGAACCCAACTGGAATCAGGCCACATCCTACCCAGAGGATTGCTGCTGGCTCCATGCCACAGGC
 CCTCCGATATTTTGGCCGAAGTGTGGATGGCCGCCTAGATCTGGATGGAGATGATCTTGTGGATGTTGCT
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 TGATGCCTCCGCATATCAGCGTGGTTCAGAAGGACTGTAAGCGACGAGGCCAGGAAGCAGCCTGTTTGAC
 GGCATCCCTTTGCTTCCAAGTAAAGTCTCAAACCTCTGGGCGTTGGGATCGCAGATCCACATACGGTTC
 TCAGCATCACTGGATGAGTGGACAGCTGGGGCAGCTGCAGCATTGCATGGCTCTGGCCAGCGGCTGCC
 CAGGGCAGCTCCGGCTCAGTGTGGGAATGTCACTTGTGAACAGCTGCACTTCCATGCACTGGATACATC
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 TCAAGGTGGCCGACAGAAAGTGTGGTGTGGTGACCCTGGAGAACAAGAAGGAGAATGCCTACAACACT
 AGTCTGAGTCTCAGTTTTTCTAGAAACCTCCACCTGGCCAGTCTTACTCCTCAGAGGGCCAAATCAGTGA
 AGGTGGAGTGTGAGTCCCTTCCCCCAGCCCGGCTCTGCATCGTGGGCATCCGGTCTCCAGGCTGG
 GGCCAAGGTGTCCTTCTGTTAGAGTTGAATTTAGCTGCACCTCCTCCTGAGCCAGGTCTCTGTGAGG
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 ACATCCGATACGAACCTCACCTCATGTTCTCTAGTGAGTCCACTCTGCATCGGTATGAGGTTTCATCCTTA
 CAGGGCTCTCCAGTGGGCCCGGCCCTGAATTCAAAACCACTCTTAGGGTTCAGAACCTTGGTTGCCAT
 GTGGTCACTGGTCTCGTTGTCTCAGCCCTCTTCCAGCTGTAGCCATGGGGGTAACACTTCTGTGAC
 TATCTCAAGTCATCTCTGGCAATGCAAGCTGCACAGTGCAGAACCTGACTGATCCCCAGGATCCCTGT
 GCATCCAGAGGAGCTTCAAGCACACAAGCAGACTGAATGGCAGTAACTCCGGTGTGAGGCGGTGAGGTG
 CATCTTGGACTGCTGCCTAAGGGGACTGAGATCTCTGTTGGACTGCTGAGGCTGGTTCACAATGAATCT
 TCCGAGGGCCAAGTTTAAAGTCTGTGACAGTGGTGCAGCACCTTCAAGTTAGGAAGTGAAGGGCAGTGT
 CCTCCTACTGAACGAAGCCTCCAGTGGCGTGAGAGCCACTTGGAGGTGATTGAGACCTCCCTACCCCTC
 ATCTCCCTGTGGATCCTGGTGGCAGCGTCTGGGAGGGCTGCTCCTGCTTGTCTCCTTGTCTTCTGCC
 TGTGGAAGCTTGGCTTCTTACC CGCAAGAAAATCCCCAAGAAGAACAAAGTGAAGGGAAGTTGGAGCA
 GTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_001107699
- 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_001107699.2, NP_001101169.2

RefSeq Size: 5038 bp

RefSeq ORF: 3504 bp

Locus ID: 310683

Cytogenetics: 2q34