

Product datasheet for **RN206856**

Itga11 (NM_001108156) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Itga11 (NM_001108156) Rat Untagged Clone
Tag: Tag Free
Symbol: Itga11
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >RN206856 representing NM_001108156
Red=Cloning site **Blue**=ORF **Orange**=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGACTTGCCAGGGGCTTCTGGTGGCCTGGACCCCTCAGCCTCTGGCCAGGATTCACGGACACCTTCA
ACATGGATACCAGGAATCCCGGGTCATCGCTGGTCCCAGTGCTGCTTTCTTTGGCTACACAGTACAGCA
GCACGATATCAGTGGCAAGAAGTGGTTGGTTGGTGGCCCTCAGTGGAAACCAATGGCCACCAGAAGACA
GGAGATGTATACAAGTGTCCAGTAACCCAGGGCAACTGCACAAACTCAACCTGGGCAGGGTCACCTGT
CCAATGCCTGCAGCCCTCTCTGGTACACGAGTGTGGAAGCTCCTACTACACCACTGGCATGTGCTCCCG
GGTCAACTCCAATTCTCAGATTCTCCAAGACGGTGGCCCGGCACTTCAGAGGTGCCAGACTTATATGGAC
ATTGTCATTGTCTGGACGGCTCCAACAGCATCTACCCCTGGGTGGAGGTCCAACACTTCTCATCGAGA
TCCTGACAAAGTCTACATCGGCCCTGGCCAGATCCAGGTCCGAATAGTTCAGTATGGAGAAGATGCCGT
CCATGAGTTCCACCTAACGACTACAACTGTAAAAGATGTGGTGGAGCCGCCAGCCACATTGAACAG
AGAGGAGGACTGAAACCCGCACGGCATTGGCATTGAATTTGCACGCTCAGAGGCTTCCAGAAGGGCC
GAAGGAAAGGGCCAAGAAAGTAATGATTGTCATCACGGACGGGAATCCACGACAGCCAGACCTGGA
GAAGGTGATCCGGCAAAGCGAGAAGGACAACGTGACCAGATACGCTGTGGCCGTCTTGGGCTACTACAAC
CGCAGGGGATCAATCCAGAGACTTTTCTAAAAGAAATCAATACATCGCCAGTGACCCTGACGACAAGC
ATTTCTCAATGTACGGATGAGGCGGCCCTGAAGGACATTGTTGATGCCCTTGGGGACAGGATCTTCAG
CTTGAAGGCACCAACAAGAATGAAACCTCTTTGGTCTGGAGATGTCGACAGACCGGCTTTTCTCGCAT
GTGGTAGAGGATGGGGTCTGCTGGGAGCTGTGGGAGCCTATGACTGGAACGGGGCAGTGTGAAGGAGA
CAAGTGCAGGAAAGGTGATTCTCTCCGAGAGTCTACCTAAGGAGTCCCGGAGGAGTGAAGAACCA
CGCCGCATACCTAGGGTACACGGTGACATCGGTTGTGCTCCTCAAGCAGGGGCGCGTGTATGTGGCTGGA
GCCCCAGGTTCAACCATACTGGCAAGTCACTTCTGTTTCAAGTATACACCAACCGGAGCCTCACCATCC
ACCAGGCTCTTCGGGGCAGCAGATAGGCTCCTACTTCGGGAGTGAGATCACCTCGGTGGACATCAATAA
TGACAGAGTGACAGATGTCTGTGGTGGGCGCACCCATGTAATTCAGCGAGGGCCGAGAGAGAGGCAAG
GTGTATGTCTAACCTGAGACAGAACCGGTTTGTTTTAAATGGCACTCTGAAGGATTCCACAGCTACC
AGAACGCCGGTTCGGGTGATGCTCCGTTCAAGACCTCAACCAAGATTCCTACAATGACGTGGT
GGTGGGGGCCCTCTGGAGGACAGCCACAGAGGGCCATCTACATCTTCCATGGCTTCAAACCAACATC



CTGAAGAAGCCCGTGCAGAGAATATCAGCCTCAGAGCTGGCTCCCGGCTTGCAGCATTTTGGCTGCAGCA
 TCCACGGACAACCTGGACCTCAATGAGGACGGGCTTGTGGACCTAGCAGTGGGCGCCCTGGGCAACGCTGT
 GGTTTTGTGGGCGCTCCCGTAGTTTCAATCAACGCCAGCCTCCACTTTGAGCCTTCCAAGATCAACATC
 TTCCACAAGGACTGCAAGCGCAATGGCAGGGATGCCACCTGCCTGGCTGCCTTCTCTGCTTCGGACCTA
 TCTTCTGGCACCCTTCCACACAGCAACCGTCGGTAAACCAGCCTCCCTGGGCGGCATCAGGTACAA
 TGCAACCATGGATGAGAGACGGTATATGCCACGGGCACATCTGGATGAGGGTGCAGACCAGTTCACCAAC
 AGGGCTGTCTACTCTTCTGGTCAGGAACACTGTCAAAGGATCAACTCCACGTCTTGGACACTGCCG
 ACTACGTGAAGCCAGTGGCCTTCTCTGTGGAATATCCCTAGAGGACCCTGACCATGGCCCCATGCTGGA
 CAACGGCTGGCCCACTACTCAGAGTGTGGTGCCTTCTGGAATGGCTGTAATGAGGATGAACACTGT
 GTCCTGACCTTGTACTGGATGCTCGAAGTGTCTGCCACTGCCATGGAGTACTGCCAACAGGTGCTGA
 GGAGGCCGGCCAGGACTGCTCCAGTTACACACTGTCTTCGACACCCTGTCTTCATCATAGAGAGCAC
 ACGGCGCCGGGTAGCAGTAGAGGCCAGCTGGAGAACAGAGGAGAGAATGCTTACAGTGCAGTCTCAAT
 ATCTCCAGTCAGAGAACCTGCAGTTTCCAGCCTGATCCAGAAGGATGACTCAGACAACAGCATCGAGT
 GTGTGAATGAGGAGAGGGGCTACACAAGAAAGTCTGCAACGTCAAGTACCCCTTCTCAGGCCAAAGGC
 CAAGGTGGCTTCCGGCTGGATTCGAGTTCAGCAAGTCTGTGTTCTGCACCATCTTCAGATCCATCTG
 GGTGCCGCGCAGCAGTACAGCAGGACAGCACCAGATGACAACACGGCCCTCCTTCGCTTCCACC
 TCAAATATGAAGCAGACGCTCTTTACCAGAAGCAGCAGCCTGAGCCACTTCGAGGTCAAGGCCAACAG
 CTCGCTGGAGAGCTATGATGGCATCGGGCTCCATTCAACTGTGTTTTCAAGGTGCAAGACCTGGGCTTT
 TTCCCATCCACGGGGTATGATGAAGATTACTGTGCCATTGCCACCAGGGGTGGCAACCCGCTGCTGA
 TGCTGAAGGACTTCTTACAGACCAGGTCAACACATCTGTAACATCTGGGGGAACAGCAGAGTACCG
 GAGTACCCCAACTGAGGAAGACCTGAGCCATGCCCCACAGAGGAATCACAGCAACTCCGATGTGGTCTCC
 ATCATCTGCAATGTGAGACTAGCCCCAACCCAGGAGACCAGCTTCTACCTGGTGGGAACCTGTGGCTGA
 TGTCCTGAAAGCACTCAAGTACAGTCTATGAAGATCACAGTCAACGCCCTTGCAGAGGCATTCCA
 CAGCCCTTCTATCTCCGAGAGGAGACCAGTCCGAGGTCAGTTCGAGATCTCCAAGCAAGAAGAC
 TGGCAGGTCCCCATCTGGATCATCGTGGCAGCTCTCTGGGAGGCCTCTGCTGCTGGCCCTGCTGGTCC
 TGGCACTGTGGAAGCTTGGTTTCTTTAAAAGTGCCAAGCGCAAGAGGGAGCCAGCCTGGGCCCCGTC
 CAAAGAGCTGGAGTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:

Sgfl-Mlul

ACCN:

NM_001108156

Insert Size:

3516 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_001108156.1, NP_001101626.1

RefSeq Size: 4991 bp

RefSeq ORF: 3516 bp

Locus ID: 315744

Cytogenetics: 8q24