

Product datasheet for **SC206797**

ITGA7 (NM_001144997) Human 3' UTR Clone

Product data:

Product Type: 3' UTR Clones
Product Name: ITGA7 (NM_001144997) Human 3' UTR Clone
Vector: pMirTarget (PS100062)
Symbol: ITGA7
ACCN: NM_001144997
Insert Size: 534 bp
Insert Sequence: >SC206797 3'UTR clone of NM_001144997

The sequence shown below is from the reference sequence of NM_001144997. The complete sequence of this clone may contain minor differences, such as SNPs.
Blue=Stop Codon **Red**=Cloning site

```
GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
GATGGGCATCCAGGGCCAGGCACCGCCTAGGTTCCCATGTCCCAGCCTGGCCTGTGGCTGCCCTCCATC
CCTTCCCAGAGATGGCTCCTTGGGATGAAGAGGGTAGAGTGGGCTGCTGGTGTGCGCATCAAGATTTGG
CAGGATCGGCTTCTCAGGGGCACAGACCTCTCCACCCACAAGAAGCTCTCCACCCAAGTTCCTCCCTT
AGAGTGTGTGAGATGAGAGTGGGTAAATCAGGGACAGGGCCATGGGGTAGGGTGAGAAGGGCAGGGGT
GTCCTGATGCAAAGGTGGGGAGAAGGGATCCTAATCCCTTCTCTCCATTACCCTGTGTAACAGGAC
CCCAAGGACCTGCCTCCCGGAAGTGCCTTAACCTAGAGGGTCGGGGAGGAGGTTGTGCTACTGACTCA
GGCTGCTCCTTCTAGTTTCCCTCTCATCTGACCTTAGTTTGCTGCCATCAGTCTAGTGGTTTCGTG
GTTTCGTCTATTTATTAATAAATAATTTGAGAACAAAAAAAAAAAAAAAAAAAAA
ACGCGTAAGCGGCCGCGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
```

Restriction Sites: Sgfl-MluI

OTI Disclaimer: Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences, e.g., single nucleotide polymorphisms (SNPs).

Components: The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.

RefSeq: [NM_001144997.1](#)



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Summary:

The protein encoded by this gene belongs to the integrin alpha chain family. Integrins are heterodimeric integral membrane proteins composed of an alpha chain and a beta chain. They mediate a wide spectrum of cell-cell and cell-matrix interactions, and thus play a role in cell migration, morphologic development, differentiation, and metastasis. This protein functions as a receptor for the basement membrane protein laminin-1. It is mainly expressed in skeletal and cardiac muscles and may be involved in differentiation and migration processes during myogenesis. Defects in this gene are associated with congenital myopathy. Alternatively spliced transcript variants encoding different isoforms have been noted for this gene. [provided by RefSeq, Feb 2009]

Locus ID:

3679

MW:

19.6