

Product datasheet for **SC203071**

Integrin beta 7 (ITGB7) (NM_000889) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	Integrin beta 7 (ITGB7) (NM_000889) Human 3' UTR Clone
Symbol:	Integrin beta 7
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_000889
Insert Size:	263 bp
Insert Sequence:	>SC203071 3'UTR clone of NM_000889 The sequence shown below is from the reference sequence of NM_000889. The complete sequence of this clone may contain minor differences, such as SNPs. Blue =Stop Codon Red =Cloning site GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG TAACAATTGGCAGAGCTCAGAATTCAA GCGATCGCC TTTCAAGAGGCAGACAGTCCCCTCTCT TGA AGGAGGGAGGGACACTTACCCAAGGCTCTTCTCCTTGGGA GGACAGTGGGAACTGGAGGGTGAGAGGAAGGGTGGTCTGTAAGACCTTGGTAGGGGACTAATTCCTG GCGAGGTGCGGCCACCACCCTACTTCATTTTCAGAGTGACACCCAAGAGGGCTGCTCCCATGCCTGCA ACCTTGATCCATCTGGGCTACCCACCCAAGTATACAATAAAGTCTTACCTCAGA ACGCGT AAGCGGCCGCGCATCTAGATTCTGAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
Restriction Sites:	Sgfl-Mlul
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:	<u>NM_000889.3</u>



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Summary:

This gene encodes a protein that is a member of the integrin superfamily. Members of this family are adhesion receptors that function in signaling from the extracellular matrix to the cell. Integrins are heterodimeric integral membrane proteins composed of an alpha chain and a beta chain. The encoded protein forms dimers with an alpha4 chain or an alphaE chain and plays a role in leukocyte adhesion. Dimerization with alpha4 forms a homing receptor for migration of lymphocytes to the intestinal mucosa and Peyer's patches. Dimerization with alphaE permits binding to the ligand epithelial cadherin, a calcium-dependent adhesion molecule. Alternate splicing results in multiple transcript variants. Additional alternatively spliced transcript variants of this gene have been described, but their full-length nature is not known. [provided by RefSeq, Sep 2013]

Locus ID: 3695

MW: 9.5