

Product datasheet for **SC212067**

Integrin alpha 5 (ITGA5) (NM_002205) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	Integrin alpha 5 (ITGA5) (NM_002205) Human 3' UTR Clone
Symbol:	Integrin alpha 5
Synonyms:	CD49e; FNRA; VLA-5; VLA5A
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_002205
Insert Size:	1028 bp
Insert Sequence:	>SC212067 3' UTR clone of NM_002205 The sequence shown below is from the reference sequence of NM_002205. The complete sequence of this clone may contain minor differences, such as SNPs. Red =Cloning site Blue =Stop Codon

CAATTGGCAGAGCTCAGAATTCAA**GCGATCGC**

CTCCAGCCACCTCTGATGCC**TGA**GTCCTCCCAATTTCAGACTCCCATTCTGAAGAACCAGTCCCCCAC
CCTCATTCTACTGAAAAGGAGGGGTCTGGGTACTTCTTGAAGGTGCTGACGGCCAGGGAGAAGCTCCTCT
CCCCAGCCCAGAGACATACTTGAAGGGCCAGAGCCAGGGGGTGAGGAGCTGGGGATCCCTCCCCCCAT
GCACTGTGAAGGACCCTTGTTTACACATACCCTCTTCATGGATGGGGAACTCAGATCCAGGGACAGAGG
CCCCAGCTCCCTGAAGCCTTTGCATTTTGGAGAGTTTCTGAAACAACCTGGAAAGATAACTAGGAAAT
CCATTCACAGTTCTTTGGGCCAGACATGCCACAAGGACTTCTGTCCAGCTCCAACCTGCAAAGATCTGT
CCTCAGCTTGGCAGAGATCCAAAAGAAGCCCCAGCTAAGAACCTGGAACCTGGGGAGTTAAGACCTGG
CAGCTCTGGACAGCCCCACCCTGGTGGGCCAACAAAGAACAATACTATGCATGGTGGCCAGGACCAGC
TCAGGACAGATGCCACACAAGGATAGATGCTGGCCAGGGCCAGAGCCAGCTCCAAGGGGAATCAGAA
CTCAAATGGGGCCAGATCCAGCCTGGGGTCTGGAGTTGATCTGGAACCCAGACTCAGACATTGGCACCTA
ATCCAGGCAGATCCAGGACTATATTTGGGCTGCTCCAGACCTGATCCTGGAGGCCAGTTCCACCTGAT
TTAGGAGAAGCCAGGAATTTCCAGGACCCTGAAGGGGCCATGATGGCAACAGATCTGGAACCTCAGCCT
GGCCAGACACAGGCCCTCCCTGTTCCCCAGAGAAAGGGGAGCCACTGTCTGGGCTGCAGAATTTGGG
TTCTGCCTGCCAGCTGCACTGATGCTGCCCTCATCTCTCTGCCAACCCCTCCCTCACCTTGGCACCAG
ACACCCAGGACTTATTTAACTCTGTTGCAAGTGAATAAATCTGACC

ACGCGTAAGCGGCCGCGCATCTAGATTGAAGAAAATGACCG

Restriction Sites: SgfI-MluI



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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_002205.2
Summary:	The product of this gene belongs to the integrin alpha chain family. Integrins are heterodimeric integral membrane proteins composed of an alpha subunit and a beta subunit that function in cell surface adhesion and signaling. The encoded preproprotein is proteolytically processed to generate light and heavy chains that comprise the alpha 5 subunit. This subunit associates with the beta 1 subunit to form a fibronectin receptor. This integrin may promote tumor invasion, and higher expression of this gene may be correlated with shorter survival time in lung cancer patients. Note that the integrin alpha 5 and integrin alpha V subunits are encoded by distinct genes. [provided by RefSeq, Oct 2015]
Locus ID:	3678