

Product datasheet for **SC203402**

Integrin beta 4 (ITGB4) (NM_000213) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	Integrin beta 4 (ITGB4) (NM_000213) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	ITGB4
Synonyms:	CD104; GP150
ACCN:	NM_000213
Insert Size:	293 bp
Insert Sequence:	>SC203402 3'UTR clone of NM_000213 The sequence shown below is from the reference sequence of NM_000213. The complete sequence of this clone may contain minor differences, such as SNPs. Blue =Stop Codon Red =Cloning site GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG TAACAATTGGCAGAGCTCAGAATTCA ACGATCGCC CACATGGACCAACAGTTCTTCCAAACT TGA CCGCACCCTGCCACCCCGCCACGTCCCACTAGGCGT CCTCCCGACTCCTCTCCCGGAGCCTCCTCAGCTACTCCATCCTTGACCCCTGGGGGCCAGCCACCC GCATGCACAGAGCAGGGCTAGGTGTCTCCTGGGAGGCATGAAGGGGCAAGGTCCGTCCTCTGTGGGC CCAAACCTATTTGTAACCAAAGAGCTGGGAGCAGCACAAGGACCCAGCCTTTGTTCTGCACTTAATAAA TGGTTTTGCTACTGCTA ACGCGT AAGCGGCCGCGGCATCTAGATTGAAAGAAATGACCGACCAAGCGACGCCCAACCTGCCATCA CGAGATTCGATTCCACCGCCCTTCTATGAAAGG
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:	<u>NM_000213.5</u>



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Summary:

Integrins are heterodimers comprised of alpha and beta subunits, that are noncovalently associated transmembrane glycoprotein receptors. Different combinations of alpha and beta polypeptides form complexes that vary in their ligand-binding specificities. Integrins mediate cell-matrix or cell-cell adhesion, and transduced signals that regulate gene expression and cell growth. This gene encodes the integrin beta 4 subunit, a receptor for the laminins. This subunit tends to associate with alpha 6 subunit and is likely to play a pivotal role in the biology of invasive carcinoma. Mutations in this gene are associated with epidermolysis bullosa with pyloric atresia. Multiple alternatively spliced transcript variants encoding distinct isoforms have been found for this gene. [provided by RefSeq, Jul 2008]

Locus ID: 3691

MW: 10.3