

Product datasheet for **RN204640**

Itgb5 (NM_147139) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Itgb5 (NM_147139) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Itgb5
Synonyms:	RGD1563276
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



[View online »](#)

Fully Sequenced ORF: >RN204640 representing NM_147139
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGCCCGGGTGCCCGGACCCCTACGCCTGTCTGCTCGGGCTCTGCGCGCTCGTGCCCGCCTCGCAG
 GGCTCAACATATGCACCAGTGGAAAGTGCCACCTCATGTGAAGAATGCCTGTTAATCCACCCAAAATGTGC
 CTGGTGTCCAAAGAGTACTTTGGCAACCCACGGTCCATCATCTCTCGGTGTGACCTGAAGGCAAACCTC
 ATCCGAAATGGCTGTGGAGGTGAGATTGAGAGTCCGGCCAGCAGCACCCACGTCCTTCGGAACCTGCCTC
 TCAGCAGCAAGGGTTCCAGTGCCATGGGCTCTGACGTCATCCAGATGACGCCACAGGAGATTGCAGTGAG
 CCTCCGTCCAGGTGACCAGGCTACCTCCAGCTGCAGGTACGCCAGGTGGAGGACTATCCCGTAGACCTG
 TACTACCTGATGGACCTCCTCTCCATGAAGGATGACTTGGACAACATCCGGAGCCTGGGCACCAAGC
 TTGCCGAGGAGATGAGGAAGCTCACTAGTAACTCCGGTAGGTTTCGGGTCTTTTGTGACAAGGACAT
 CTCTCCGTTCTCCTACACAGCACCGAGATACCAGACCAATCCATGTATTGGTTACAAGTTATCCCAAC
 TGTGTCCCTTCCTTCGGGTTCCGCCATCTGCTGCCTCTCACAGACAGAGTGGACAGTTTCAATGAGGAAG
 TGAGGAAGCAGAGGGTGTCCCGAAACCGAGATGCCCCCGAGGGGGGCTTTGATGTGTCTCCAGGCTGC
 TGTCTGCAAGGAGAAGATCGGATGGCGAAAGGATGCCCTGCACCTTGTCTGGTGTTCACGACGGACGACGTG
 CCCACATCGCGTTGGATGGAAAAGTGGGTGGCCTGGTCCAGCCACACGATGGCCAGTGTACCTGAATG
 AAGCCAATGAGTACACTGCGTCCGACCAGATGGACTATCCATCGCTTGCCTTGTGGGGAGAAGCTGGC
 AGAGAACAATATCAACCTCATCTTTCAGTGACGAAGAACCCTATATGCTCTACAAGAATTTTACAGCC
 CTGATACCTGGAACCACTGTGGAGATTTTGCATGGAGATTCAAAAATATTATTCAACTGATTATCAATG
 CGTACAGTAGCATCCGGGCTAAAGTGGAGCTGTCCGCTGCGGATCAGCCGGAAGACCTTAATCTCTTCTT
 CACTGCTACGTGCCAAGATGGCCTATCCTACCCTGGTCCAGAGGAAGTGTGAGGGTCTGAAGATCGGGGAC
 ACGGCGTCTTTGAAGTGTCTGTGGAGGCTCGGAGCTGCCCTGGCAGACATAACAACAGCTTTTTACCT
 TGAGGCCGTGTGGGCTTCCGGGACAGTCTGCAGGTAGAAGTCGCCTACAACCTGCACGTGCGGCTGTAGCGC
 CGGGCTGGAGCCCAACAGTGCCAGATGCAGTGGGAATGGAACATACGCTGTGGGCTGTGCGAGTGTGAC
 CCCAGTTACCTGGGCACTAGGTGCGAGTGCCAGGAGGGCGAGAACCAGAGCGGGTACCAGAACCTGTGCC
 GGGAGGCGGAAGGCAAACCCCTGTGCAGCGGACGTGGGAATGCAGCTGCAACCAGTGTCTCTGCTTTGA
 GAGTGAGTTCGGGAGGATCTACGGGCCCTTCTGCGAGTGCACAGCTTTTCTGTGCCAGGAACAAGGGC
 GTCCTATGCTCAGGCCATGGCGAGTGTACTGCGGAGAATGCAAGTGCCACGTGCGTTACATTGGGGACA
 ATTGTAACCTGCTCAACAGACATCAGCACGTGCAGGGCCAAGGATGGGCAGATCTGCAGCGACCGAGGCCG
 TTGCGTCTGTGGGCAAGTGCACAGACCTGGAGCCTTTGGGGAGACGTGTGAGAAGTGCCCAACC
 TGCCCTGATGCTTGCAGCTCCAAGAGAGACTGTGTGGAATGCTCGCTGCTTACCAGGGGAAACCTGACA
 ACCAGACCTGCCACCACCAAGTGCAAAGATGAGGTGATCACGTGGGTAGACAGCATTGTCAAAGACGACCA
 GGAAGCTGTGCTTTGCTTCTACAAAAGTCTAAGGACTGCGTTATGATGTTTACAGTACACAGAACTGCC
 AATGGAAGTCTAACTTGACCGTCTCAGGGAGCCAGAGTGCAGGAAAGTGGCCCAATGCCATGACCATCC
 TGCTGGCTGTGGTTGGCAGCATCCTCCTGGTTGGAATGGCACTCCTGGCCATCTGGAAACTACTCGTCAC
 CATCCACGACCGTCGAGAGTTTGGCAAGTTCCAAAGCGAGCGCTCCAGGGCCCGTTATGAAATGGCCTCA
 AACCCCTGTACAGAAAGCCATCTCCACACATACTGTAGATTTTGCCTTCAACAAGTTCAACAAATCCT
 ACAATGGCTCAGTGGACTGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul
ACCN: NM_147139
Insert Size: 2400 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:	<ol style="list-style-type: none">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_147139.2 , NP_671480.2
RefSeq Size:	3696 bp
RefSeq ORF:	2400 bp
Locus ID:	257645
Cytogenetics:	11q22
Gene Summary:	beta chain of integrin; mouse homolog only forms a heterodimer with alphaV and acts as a vitronectin receptor [RGD, Feb 2006]