

Product datasheet for **RN200890**

Itgb2 (NM_001037780) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Itgb2 (NM_001037780) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Itgb2
Synonyms:	Cd18
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN200890 representing NM_001037780
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGCTGGGCCACACACTGCTACTCATCTAGCTGGACTACTTCTCTGGGATCTGCCCTGTCCGAGG
 AATGCACCAAGTACAAAGTCAGCAACTGCCGGACTGTATCCAGTCGGGGCTGGCTGCTCGTGGTGCCA
 GAAGCTGAACTTCACCGACCAGGGGAGCCTGACTCCTTGCGCTGTGACACGCGGCACAGCTGCTCCTC
 AAGGGTTGCCAGCCGATGATATAATGGACCCCAAGAGCTTTGCTGATCTCCACCCCAATATCAGGTGC
 AACGGAGTCAACTGTCTCCAAAAAGTGACCCCTAACTTGCAGCCAGGGCAGGCTGCTGCATTCAATGT
 GACTTTCCGACGGGCCAAGGGCTACCCATTGATCTGTACTACCTCATGGACCTCTCTACTCTATGCTC
 GATGACCTGAACAATGTCAAGAAGTTGGTGGTGAATTTGCTGCAGGCCCTCAACGAGATCACAGAGTCCG
 GCCGATCGGCTTCGGTCTTCGTGGACAAGACGGTGTGCCTTTTGTCAACCCCATCCCGAGAAGCT
 GAGGAACCATGCCCAACAAGGAGAAAGCCTGCCAGCCTCCGTTTGCCTTCGCCACGTGCTCAAGCTA
 ACCGACAACCTCAACAGTTTCAGACAGAGGTCGGCAAGCAACTGATTTCCGGAAACCTGGACGCCCTG
 AGGGCGGGCTGGATGCCATAATGCAAGTGGCTGCCTGTCCGGAGGAAATTGGCTGGCGCAATGTCACGAG
 GCTGCTGGTGTGGCCACAGACGACGGCTTCCACTTTGCCGGTGTGGGAAACTGGGTGCCATCCTGACC
 CCCAACGATGGCCGCTGCCACCTGGAGGATAACATGTACAAGAGGAGCAATGAGTTCGACTACCCGTCAG
 TGGGCCAGCTGGCCACAACTTCCGAGAGCAACATCCAGCCCATCTTTCAGTGACAAAGAAGATGGT
 GAAAACCTATGAGAACTGACAGAGATTATCCCAAGTCAGCGGTGGCGGAGCTGTCTGACGATTCCAGT
 AACGTAGTCCAGCTTATCAAGAAAGCCTACTACAACTCTCCTTAGAGTCTTCTGGACCACACCACCA
 TCCGGACACCCTGAAAGTCACCTATGACTCCTTCTGTAATAACAGAGTATCGAGTATAGGCAAAATCCCG
 AGGGGACTGTGACGGTGTGCAGATCAACAACCCGGTCACCTTCCAGGTAAGGTACAGGCTTCGGAGTGT
 ATCCAGGAGCAGTCTTTGTCATCCGGCGCTGGGCTTACCCGACACAGTACGGTACAGGTCCATCCCC
 AGTGCGAGTGCCAGTGCCGGGACCAGAGTCGGATGAGGAATCTCTGTGGAGGCAAGGGAGTCATGGAGTG
 TGGCATCTGCAGGTGTGAGTCTGGCTACATTGGGAAAACTGTGAGTGTGAGACGACGGGCCGAGCAGC
 CAGGAGCTGGAGGGAACTGCCGAAGGACAATAGTTCATTGTGTGCTCGGGCTGGGGGACTGCATCT
 GCGGGCAGTGCCTGTGCCACACGAGTGACATCCCAACAAAGTATCTTTGGGCAATACTGCGAGTGTGA
 CAACTTCAACTGTGAGAGATATGATGGCCAAGTCTGCGGTGCCCTAAAGAGAGGCTCCTGCTCCTGTGGC
 CAGTGTAATTGCAAGGAGGGTTTCGAGGGTTCTGCTTCCAGTGTGAGAGTCTACCACGGGCTGTCTGA
 ACGCAGGCTGGTGGAGTGCAGTGGCCGTGGCCGGTGCCAATGCAACAGATGCATCTGTGAGAAAGGTTA
 CCAGCCACCTCTGTGTAAGAGTGTCCCGCTGCCCTTGCCTGCAGCACCTACGTCTTCTGTGCCGAG
 TGCTGAAATTTGATAAGGGCCCTTTCAGAAGAATTGTAGTGTTCAGTGTGCCAATGTGACGCTGCAGA
 CTGTCCCTTTCAAGAAAAGCCCTGCAAGGAGAGGGACTCGGAGGGCTGTGGATAACCTACACTTTGCA
 GCAGAAGGACGGAAACGCTTACAACATCCATGTGGACGACGATCGAGAGTGTGTGAAAGGCCCAACGTG
 GCTGCCATCATAGGGGCACTGTGGCCGGCTTGTACTGATTGGTGTCTCCTCCTGGTCATCTGGAAGG
 CTCTTACCCACCTGACTGACCTCAATGAATACAGACGCTTTGAGAAGGAGAACTCAAGTCCCAGTGGAA
 CAACGACAACCCCTCTTCAAGAGCGCCACGACAACGGTCATGAACCCTAAGTTTCTGAGAGCTAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Chromatograms: https://cdn.origene.com/chromatograms/ja1242_a08.zip

Restriction Sites: SgfI-MluI

ACCN: NM_001037780

Insert Size: 2307 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:	<u>NM_001037780.2</u> , <u>NP_001032869.2</u>
RefSeq Size:	3161 bp
RefSeq ORF:	2307 bp
Locus ID:	309684
Cytogenetics:	20p12