

## Product datasheet for **RN201290**

### **Itgb8 (NM\_001108726) Rat Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Itgb8 (NM_001108726) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Itgb8
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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**Fully Sequenced ORF:** >RN201290 representing NM\_001108726  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**GCGATCGCC**

ATGCTAAAAATCCGTCCCCTGAAGAAGTACCCTGTGGATCTTTATTATCTGGTTGATGTGCAGCATCAA  
 TGCACAATAATATAGAAAATTGAATTCGGTTGGAAACGATTTATCTAAAAAATGGCCCTTTTTCCCA  
 TGACTTCCGTCTTGTTTTGGCTCATATGTGGATAAAACTGTCTCACCATACATTAGTATCCACCCGGAA  
 AGGATCCACAATCAGTGCAGTGAACAATTTAGACTGTATGCCTCCCCATGGATACATTCATGTCTGT  
 CTCTGACAGAAAACATCACTGAGTTTGA AAAAGCAGTCCACAGACAAAAGATCTCTGAAACATAGACAC  
 TCCTGAAGGAGTTTTGATGCCATGCTTCAGGCTGCCGTCTGTGAGAGTCATATTGGATGGCGAAAAGAA  
 GCTAAAAGATTGCTGCTGGTGTGACAGACCAGACATCACATCTCGCTCTTGACAGCAAATTGGCAGGCA  
 TAGTGGTGCCAAATGACGGAACTGCCATCTGAAAAACAATGTCTACGTCAAATCAACAACCATGGAACA  
 TCCATCATTAGGTCAACTTTCCGAAAAGTTAATAGACAACAACATAAATGTCATTTTTGAGTTC AAGGA  
 AAGCAGTTTCATTGGTACAAGGACCTTCTGCCCTTTTGCTGGTGCCATTGCTGGTGAAATAGAATCCA  
 AAGCTGCAAACTCAACAATTTAGTAGTAGAAGCCTACAAGGTTCTTTTCAATGTGACAGTTGTGATGAA  
 AACATGTGATATCATAGGAGGAAAAACTATGCAATAATCAAACCTATTGGTTTCAATGAAACCACTAAA  
 GTCCACATACACAGAAGCTGCAGTTGCCAGTGTGAGGACCACAGAGGACTCAAAGGACAGTGTGCGGAAG  
 CTGCTCCAGATCCCAAGTGTCCACAGTGTGATGACGGCAAATGTCATTTTGTGATGAAGACCAGTTTCCTTC  
 CGAAGCTTGCAAGCCACAGGAGGACCAACCTGTCTGCAGTGGCCGAGGTGTTGTATCTGTGGGAAATGT  
 TTATGTCACAAAACCAAGCTTGGAAAGAGTGTATGGCCAATACTGTGAGAAGGATGACTTCTCTTGTCCCT  
 ATCTCCATGGAGATGTGTCTTGACATGGGGAGTGC GAAGGTGGCAGATGCCAGTCTTAAACGGCTG  
 GGAAGGGGATCGGTGTCAGTGTCCATCAGCCTCAGCACAGCACTGTGTCAACTCCAAGGGCCAAGTTTGC  
 AGCGGGAGAGGCACCTGCGTTTTGTGGCAGGAATTGTCTACAGTGCCTTACCCTCACAATCTGTCTCAAG  
 CTGTTCTTGATCAGTGTAAAGCCTCCTGTGCTGTGATGGAACAACATCCTGTGGCCCAAACATCAGAGTG  
 TTTATCTGGCCCAAGCTATCTGCGAATATTTTTCATCATATTCATAGTGACATTCTTGATTGGGTTGCTT  
 AAAGTTCTTATCATTAGACAAGTGATACTACAGTGAATAGTAATAAAAATAAAGTCTCATCAGATTACA  
 GAGTGTCTGCTTCAAAAAGGATAAACTGATTCTGCAAAGTGTTCACGAGAGCTGTAACCTACCGACG  
 AGAAAAGCCTGAGGAAATAAAAATGGATATCAGCAAATAAACGCCAGGAGGCTTTCAGGTGCAACTTC  
**TAA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAAAACATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI

**ACCN:** NM\_001108726

**Insert Size:** 1683 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:**

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\\_001108726.1](#), [NP\\_001102196.1](#)

**RefSeq Size:** 2791 bp

**RefSeq ORF:** 1683 bp

**Locus ID:** 362800

**Cytogenetics:** 6q33