

Product datasheet for **RN203188**

Itgbl1 (NM_001017505) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Itgbl1 (NM_001017505) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Itgbl1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN203188 representing NM_001017505
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGCATCCCCAGGCTTTAAGAACTTCTGTGTGCTGCTCCTCCCTTTCTTCATTGGGCTGTCAGCTG
 CACCTCAAAGCTTCTCACCATCTCTGAGAAGCCTGTGGGCGCCCTGCAGGCTGTCCCGGCAGAGTC
 CGAGCGCAGATGTCGTGCACCTGGGAGCCCGAGGAGCGCTCTGTGCCATGACCGTGGCCGGTGCAG
 TGTGGGGTGTGCATCTGTACGTGACTGAACCTGGCACCTACTTTGGGCACTGTGTGAGTGCCATGACT
 GGGTCTGCGAGACCTACGACGGGAAAACCTGTGCAGGCCACGGTACTTGTGACTGCGGCAAGTGAAGTG
 TGATGTGGGATGGTCTGGGGAAGCTTGCCAGTACCCGACCAAGTGCACCTGACCAAAAAATAAGCAAC
 CAGATGTGCAAGAACTCTCAAGATGTCTGTCTCCAACGCAGGTACATGCTACTGTGCGAGGTGAAGT
 GTGATAATTCAGATGGACATGGACTCATTTACGGTAAATTTTGTGAGTGTGATGATAGAGAATGCATAGA
 TGATGAAACAGAAGAAATATGTGGAGGCCATGGGAAGTGTACTGTGAAACTGTTACTGCGAGGCTGGT
 TGGCATGGAGATAAATGCGAGTTCAGTGTGACATCACCCCTGGGAAAGCAAGCGAAGATGCACATCTC
 CAGATGGCAAAGTCTGTAGCAACAGAGGAACATGTGTATGTGGTGAATGTTCTTGCCATGATGTTGATCC
 AACTGGCGACTGGGAGACATTCATGGAGACACATGCGAGTGTGATGAAAGGGACTGCAGAGCTGTTAT
 GATCGATACTCTGATGATTTCTGTTTCAGGTCACGGGCAGTGAAGTGTGGAAGATGTGACTGCAGAGCAG
 GCTGGTATGGGAAGAAGTGTGAGCACCCAAAGAACTGCCATTGTGAGTGTGAGGAGAGCACCAGAAAGTG
 CCAGGGTAGCTCTGATCTGCCTTGTCTGGAAGGGCAGATGCGAATGTGGCAGATGTACCTGTTACCT
 CCCGGGACAGCAGAGTATATGGCAAGACCTGTGAGTGTGATGACCGGCGCTGTGAAGACCTAGACGGTG
 TGGTCTGTGGAGCCGTGGCAGTGTCTCTGTGGTCTGTGTTTGTGAGAAAGGATGGTTTGGTAAGT
 CTGCCAACCCCTCGGAAGTGTAAATATGACCGAAGAACAAGCAGGAGTCTGTGTGAGTACGAGATGGC
 ACATTGTGCTCGGGAAGGGTCTTGTCTGTTGTTGTTGTTGTTGTTGTTGTTGTTGTTGTTGTTGTTGTT
 CAGGGGAGTTTTGTGACTGTGATGACAGAGACTGTGACAAACACGACGGTCTCATTTGCACAGGGAATGG
 AATCTGTAGCTGTGAAACTGTGAATGCTGGGATGGATGGAAATGCATGTGAAATCTGGCTTGGT
 ACCGAATATCCT**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** Sgfl-Mlul
- ACCN:** NM_001017505
- Insert Size:** 1485 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_001017505.1](#), [NP_001017505.1](#)

RefSeq Size: 2314 bp

RefSeq ORF: 1485 bp

Locus ID: 498564

UniProt ID: [Q5PQQ8](#)

Cytogenetics: 15q25