

Product datasheet for **RN213454**

Unc93b1 (NM_001108513) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Unc93b1 (NM_001108513) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Unc93b1
Synonyms:	Unc93b
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN213454 representing NM_001108513
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGAAGGAAGTCCCAACCTGCTGGTGGTGCCAGAACAGCAAGCCCTTGGTCTGGATCTGGTCATGGAGG
 TGGAGCCTCCGCTTACCTGTGGCCGGTGTGCGGGTCTCAAGGGGATGAAGACCGGCTCGGAGTTCA
 TGATGGGCCAGAGGCTCCCTGGACGAACCTCGTGGGCGGTACCCCAACTACAATGAGGAGGAGGAGGAG
 CGTCGCTACTACCGACGCAAGCGTCTCGGAGTGGTCAAGAACGTGCTGGCGGCCAGCAGGGTGGCAGGC
 TCACCTACGGCGTCTACCTGGCCCTCTGCAGATGCAACTGATCTGCATATGATGAGACCTACAGGGA
 GGTGAAGTATGGCAACATGGCCCTGCCGACATCGATAGCAAGATGCTGATGGGTATCAACGTGACGCC
 ATCGTGCCTGCTCTACACACCTGTGCTCATCAGACCTAAGGTAATAATGTCCCTTCTCTGTACAGGT
 TTTTGGTACCAAGTGGATGATGTTTTAGCTGTGGGCATCTATGCCCTTCTGCTCTACCAACTACTG
 GGAACGCTACTACAGCTGGTACCCTCTGCTGTGGCTCTGGGCATGGCCATTGTGCCCTCTGGGCTCC
 ATGGGCAACTATATCACCAGGATGTCCCAGAACTACTACGAATATCCCCTACAAGGAGCAAGACGAGC
 AGGGCCCTCAGCAGCGCCACCACGAGGCTCCCACGCCCTATCTCCTGGTTTTCCAGGCCATCTTCTA
 TAGTTTCTTCCACTTGAGCTTCCCTGTGCCAGCTGCCCATGGTTTACTTCTCAACCACTACCTGTAT
 GACCTGAACCACACACTGTTCAACGTGAAGAGTGCAGGCACTAAGAGCTATGGCATCCTGAATGGCTTCA
 ACAAGACGGTTCTTCGGACGCTGCCCGCAGCAGAAATCTTATTGTTGTAGAGAGCGTGCATGGCGGT
 GGCCTTCTGGCCATGCTGCTGGTCTAGGCTGTGTGGAGCCGCTTACCGGCCACGGAAGAGATCGAC
 CTGCGCAGCGTGGGCTGGGTAACATCTCCAGCTGCCCTCAAACACGTGCGTGACTTTCGCTTACGCC
 ATCTGGTGCCCTTCTTTATCTACAGTGGCTTTGAGGTGCTCTTTGCCTGCACTGGTTTTCACCTGGGTA
 CGGCGTGTGCTCCATGGGGCTGGAGCGGCTTGGCTACCTGCTCATAGCTTACAGCCTGGGTGCCTCAGCT
 GCCTCGGTCTGGGGCTGCTGGGACTGTGGCTCCCTCGCTCTGTGCCCTCGTGGCTGGGCAGGACTGC
 ACCTGCTGCTCACCTTAGCCTCTTTTTCTGGGCTCCAGCACCTCGGGTCTCCAGCACAGTTGGATCTT
 TTACTTCTGGTGTCTCTGGGGTGTGGGCACTGCCCTCAACAAGACCGGACTTAGCACACTCTGGGC
 ATCCTATATGAAGACAAAGAGAGGAGGACTTCATCTTACCATCTACTGTTGGCAGGCGTGGCCA
 TCTTCGTTGTGTACCTGGGCTCCAGCTTGGCCATGAAGGCCAAGCTGGCAGTGTGCTGGTACCCTGGT
 AGCAGCAGCAACTTCATACCTGTGGATGGAAAACAAGTTCAGCAGGGACTGGTCCCCGACAGCCGCGC
 ATTCGGAAGCCACAGCACAAAGTCCGCGGCTACCCTACCTGGAGGAGGACAACCTCAGATGAGAGCGACG
 TAGAGGGCGAGCAGGGTCAAGGGGACTGCGCAGAGGAGGAAGCGCCACAGGACGGCCCTGGGTGCAGA
 GCCAGCCGGCCCTGCCGAGGCCCTGTCCCTATGAACAGGCTCTGGGTGGTGGTCTGAGGAGCAG
 TGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_001108513
- Insert Size:** 1893 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_001108513.1](#), [NP_001101983.1](#)

RefSeq Size: 2270 bp

RefSeq ORF: 1893 bp

Locus ID: 361689

Cytogenetics: 1q43