

## Product datasheet for **RN217028**

### Ubash3b (NM\_001191792) Rat Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Ubash3b (NM_001191792) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Ubash3b
Synonyms:	RGD1310357; Sts-1; Sts1
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**Fully Sequenced ORF:** >RN217028 representing NM\_001191792  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGATCGCC**

ATGGCCGCGCGGAGGAGCTGTACAGCAAAGTCACCCCGGTAGGACCGCCTGCAGCGTCCGGGACCG  
 TCAGGCATGGGTGGCGCTGGACCTGCTCTGTCCATGGGCTTCCCCCGGCCCGGCACAAAAAGCTCT  
 GGCATCCACGGGAGGAAGAAGCGTTCAAGCAGCATGTGACTGGTTGTTCTCCACGTGCGGGACCCCTTC  
 CTGGATGACCCCTGCCTCGGGAGTATGTTCTCTACCTCCGCCAACCGGTCCATTAGCCAGAAGCTCT  
 CTGACTTCTGGCAGCAGTCCAAGCAGATCTGTGGGAAGAACAAGGCCACAACATCTTCCCCACATCAC  
 CCTCTGCCAGTTCTTATGTGCGAGGACAGCAAGGTGGATGCTCTGGGAGAAGCCCTGCAGACTACTGTC  
 AGTCGATGGAGGTGAAGTTCTCAGCCCCACTACCCTGGAGCTGTACACCTCTCCAATTCATCGGGC  
 TCTTTGTGAAGGAAGACAGCGCAGAGGTCTCAAGAAGTTCGCGGCTGACTTCGCCGAGAGGCTGCATC  
 CAAAACCGAAGTGCACGTGGAGCCTCATAAGAAGCAGCTGCACGTGACACTGGCCTACCCTTCCAAGCC  
 AGCCACCTACCCACCTAGAGAACTCGCCAGAACATCGATGTCAAGCTAGGGTGTGACTGGGTGGCCA  
 CCATATCTCTCGGGATATCCGATTTGCTAATCATGAGACGTTACAGGTGATCTACCCTATTACCTCA  
 GAATGATGACGAATTGGAGTTGGTCCCAGGGGACTTTCATCTTATGTCTCCTATGGAACAGACCAGCACC  
 AGTGAGGGCTGGATTTATGGCACCTCGCTGACCACTGGCTGCTCTGGGCTGCTCCCCGAGAACTACATTA  
 CCAAGGCTGATGAGTGTAGCACCTGGATCTTCCATGGTTCCTGTTCTATCTTGAATACGGTATCATCCAG  
 CGCACTCGCATTGGCGATGGGGCGTTAGAGAGGGCGCAGTATGAGGATCAAGGACTTGGGGAGACTACA  
 CCCCTCACTATCATTGTCAGCCATGCAGCCCCTGAGAGTCAACAGCCAGCCTGGGCCCCAGAAGCGAT  
 GCCTCTTTGTCTGTGCGCACGGGAGAGGATGGACGTTGTGTTTGGGAAGTACTGGCTATCCCAATGTTT  
 CGATGCCAAAGGCCGCTACATACGCACCAACCTGAACATGCCTCACAGCTTACCTCAGCGGAGCGGCA  
 TTCCGGGATTACGAGAAAGATGCTCCAATCACTGTGTTTGGGTGTATGCAAGCAAGACTAGTGGGTGAAG  
 CCTTGTGAGAAAGTAACACCGTCATTGACCACGTTTATTGCTCACCATCCCTACGCTGCGTTGAGACCGC  
 ACATAATATATTGAAAGTTTACAACAAGACAATCACTTGAAGATTGGGTGAGCCAGGCTATTTGAA  
 TGGACAAAGTGGGTTGCTGGGAGCACATTGCCAGCATGGATGCCTCCATCAGAGCTAGCAGCAGCCAACC  
 TGAGTGTGATACAACCTACAGACCTCACATCCAGTCAGCAAATGGTGATTTCCGAATCCTATGACAC  
 CTACATCAATAGGAGTTCCAGGTGACGAAGGAGATAAAGTGAATGCAAAAGTAAAGGAAATAACATT  
 CTGATTGTGGCCACGCATCTTCCCTCGAAGCATGTACCTGCCAGCTCCAAGGCCTATCCCCGAGA  
 CTAAGGACTTCGTGCAAAATGGTCCGGAAGATCCCATATTTAGGCTTCTGTTCTCGGAAGAACTGGGAGA  
 AACCGGAATATGGCAACTGACAGACCCACCCATCTTCCCTTACCCACGGACCCACTGGGGCTTCAAC  
 TGGAGAGAGACCTTCTGCAAGAA**TAA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI

**ACCN:** NM\_001191792

**Insert Size:** 1917 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).

**OTI Annotation:** Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.

<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<u>NM_001191792.1, NP_001178721.1</u>
<b>RefSeq Size:</b>	2585 bp
<b>RefSeq ORF:</b>	1917 bp
<b>Locus ID:</b>	315579
<b>Cytogenetics:</b>	8q22