

## Product datasheet for **RN217340**

### **Bcas3 (NM\_001173430) Rat Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Bcas3 (NM_001173430) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Bcas3
Synonyms:	RGD1560788
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**Fully Sequenced ORF:**

&gt;RN217340 representing NM\_001173430

Red=Cloning site Blue=ORF Orange=Stop codon

 TTTTGAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGAATGAAACCATGGCTACAGATTCTCCTAGAAGACCCAGTCGCTGCACTGGTGGAGTTGTGGTCCGCC  
 CTCAGGCCGTCACGGAGCAGTCCTACATGGAAAGCGTTGTGACTTTTCTGCAGGATGTCGTGCCACAGGC  
 TTACAGTGGGACACCCCTAACCGAAGAAAAGGAGAAGATAGTTTGGGTCCGGTTTGAAGAATGCAGATCTG  
 AATGATACATCACGGAATCTAGAATTTTCACTGCACTGCATAGCACGGGAAATGAGCCTCCTCTGCTGGTTA  
 TGATCGGCTACAGTGACGGAATGCAGGTGTGGGCATCCCTATCAGCGGGGAAGCCAGGAGCTCTTCTC  
 TGTTCCGACATGGTCCAGTCCGAGCAGCTAGAATCTTGCCTGCTCCACAGTTGGTGCTCAAAAGTGTGAT  
 AACTTTGCTGAGAAAAGACCTCTTCTGGTGTGTTGAAGAGCATTGGATCTTCAGGCACGACGCCACCAT  
 ACTGCTGTGTGGATCTGTACTCACTTCGTACGGGGGAGATGGTCAAGTCCATTAGTTTAAACGCCCAT  
 TTATGATCTTCATTGTAATAAGCGGATCCTCGTCGTAGTCTGCAGGAGAAAATCGCTGCCTTCGACAGC  
 TGTAATTTACAAAAAATTTTTGTACAAAGTTGTTATCCTTGTCTGGGCCAAACATGAATCCTATTG  
 CTCTTGGGAGCCGTTGGCTTGTATGCAGAAAATAAGCTGATTTCGCTGTACCAGTCCCGTGGCGGAGC  
 CTGTGGAGACAACATTCAGTCTTACACTGCCACTGTCAATAGTGTGCTAAAACACTGAAAAGTGGCCTG  
 ACGATGGTTGGGAAAGTGGTGAATGACAGGACACTGCCCTCAGGAGTGACAGATGATGACATAG  
 CCATACACTGCAACTCAAGACGGAGCCCTTGGTCCGGGCATCATCACAGTATAGACACTGAGACAGT  
 TGGAGAGGGCCAGGTGCTTGTGAGTGAGGATTCAGACAGTGTGGCATTGTGGCCCACTCCCTGCCAC  
 GAGAAGCCAGTGTGCTGTATGGCTTTAATAACAAGTGAATGCTTTTAGTCACAACAGACTCTTGGCC  
 ATGACTTTCATGTCTTCCAAATCCTGACTCATCCTTGGTCACTCCACAGTGTGCTGTCCATGCTGTA  
 TACACTTTCACAGGGGAGAGACCCGAGGCCAAAGTTCAGGACATCTGTTTCAGCCATGATTGTCTGGGTG  
 GTGGTCAGTACCCTCCGGGTACTTCCACGTTTTCCCATCAACCCCTTATGGTGGCCAGCCTTGTGTCC  
 GCACACACATGTACCAGGAGTGTGAATCGCATGAGCCGTTTCCAGAAAAGTGTGGGCTGGAAGAGAT  
 TGAACAAGAGCTGACATCTAAGCAAGGCGCCGCTGTAGTCTGTCCAGGCCTGTCCAGCAGCCCTTCC  
 GGCTCCCCGCTGCATGGGAAAGCTGAGTAGCCAAGACTCTTACAATAACTTTACCAACAACAACCTGGCA  
 ACCCCCGCTTTCTCCCCTCCCCAGCTTGTGGTGTGACACCTTGTGCACAAATCAAGCAGCCAATGAC  
 ATTTGGGACCATCACGAAACGAACAGGGCCTTATCTCTTGGAGCGGGGTGTTTTCCATAAAAGCTCCA  
 TGCAAAGTTAAACCGCTCCACAATTTCTCAAGCAAATCGATGGGCGGGAGTTTTGCGTGGCCGACG  
 TGTTTGGGACCTCCAGGTCGTGGTTTGAACAATGCTGGTCTGAAACGGGAAAAAGATCAGTCCAAACA  
 AGTTGTGGTTGAATCTCTTTATATCATCAGTTGCTACGGGACCTTAGTGGAGCACATGATTGAGCCTCGG  
 CCTATCAGTACTGCTCCCAAGATAAGTGACGACACACCACTGGAGATAATGACCTCACCTCGTGCCAGCT  
 GGACACTTGTGAGAAGCCTCAGTGGAAACGAACTGCAGCCACCATTAATGCGAATCACCCCTGTCTCT  
 TGCGGCAGAAGCAGTGCAGTATTACCAGTCTGCTGGCCGGCTCACTTCCCCCTGGAAGTCTGGCCCC  
 ATTACTCGACATGGGTCTATGACAGTTTAGCATCTGACCACAGCGGACAGGAAGATGAAGAATGGCTAT  
 CCCAGTTGAAATGTGACACACACTGGACCCACAGGCGCTATGGATGGTCCACAGTCCAGTTCAA  
 AACCATCCACCCCTCAGGCCAGACCAGGTCATATCATCTAGTTCTTCTGTGTTACAGTCTCATGGACCT  
 AGTGACACACCACAGCCGCTCTTGGACTTTGATACAGATGATCTAGATCTTAACAGCCTCAGGATCCAGC  
 CGGTCCGCTCTGACCCAGTCAAGTATGCCAGGTCATCCCGTCCAGTCTCTGATCGAAGGGGAGTTTCCAC  
 CGTGATCGATGCTGCCTCAGGTACCTTCGACCGGAGCGTGACCCTGTTGGAGGTGTGGGGAGCTGGCCT  
 GAGGGCTTCGGGCTGCGACATATGCTCTCCATGGAGCACACAGAAGAGGGCTCCGGGAACGGCTTGACG  
 ATGCCATGGCCGAGTCACCGAGCCGAGACGTTGTGGGATCTGGAACAGAATTCAGCGAGAGGGAAGCAT  
 CGAGACTCTGAGTAACAGCTCAGGCTCCACCAGTGGCAGCATCCCAAGAACTTTGATGGCTACCGATCT  
 CCGCTCCCGACCAACGAGAGCCAGCCGCTCAGCCTTCTCCCACTGGCTTCCCATAG

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:**

SgfI-MluI

<b>ACCN:</b>	NM_001173430
<b>Insert Size:</b>	2787 bp
<b>OTI Disclaimer:</b>	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).
<b>OTI Annotation:</b>	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_001173430.1, NP_001166901.1</u>
<b>RefSeq Size:</b>	3610 bp
<b>RefSeq ORF:</b>	2787 bp
<b>Locus ID:</b>	363662
<b>Cytogenetics:</b>	10q26