

## Product datasheet for **RN217396**

### Scube3 (NM\_001271362) Rat Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Scube3 (NM_001271362) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Scube3
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF:

>RN217396 representing NM\_001271362

Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGCATCGCC**

ATGGGCTCGGGGCGGTCCCGGGCTCGCTGCTCGTCTGCTGGTCCACGCTCGCGCCGCCAGCATG  
GCAAAGCTGCGCAAGATGTAGATGAGTGTGGAGGGCACGGATCACTGTACATTGATGCCATCTGCCA  
GAACACCCACCGTTCATACAAGTGCATCTGCAAGTCCGGTACACGGGGGATGGCAAGCATTGCAAAGAC  
GTGGATGAGTGTGAACGGGAGGACAACGCTGGCTGTGTGCACGACTGTGTCAACATCCCTGGTAATTACC  
GGTGTACCTGCTACGACGGGTTCCACCTGGCACACGACGGACACAACCTGTCTGGACGTGGATGAGTGTGC  
AGAGGGCAATGGGGGCTGCCAGCAGAGCTGTGTCAACATGATGGGCAGCTATGAATGCCACTGCCGAGAT  
GGCTTCTCTCAGTGACAACCAGCACACCTGTATCCAGCGGCCAGAAGAAGGAATGAATGCATGAACA  
AGAACCACGGCTGTGCCACATTTGCCGGGAGACTCCGAAGGGGGGCATTGCCTGTGAATGCCGCCCTGG  
CTTCGAGCTCACCAAGAACCAACGGGACTGTAATTTGACCTGCAACTACGGTAACGGTGGCTGCCAGCAC  
ACATGCGATGACACAGAGCAGGGTCCCTCGGTGCGGCTGCCACGTC AAGTTTGTGCTCCATACGGACGGAA  
AGACATGCATTGAGACCTGTGCCGTCAACAACGGAGGCTGTGACAGTAAGTGTACAGATGCAGCGACCGG  
CGTCCACTGCAGCTGCCCTGTGGGTTTCATGCTGCAGCCAGACAGAAAGACCTGCAAAGACATAGACGAG  
TGCCGCTTACACAACGGGGGCTGTGACCACATCTGCCCAACACAGTGGGCAGCTTTGAATGCAGCTGTA  
AGAAGGGCTACAAGCTTCTCATCAACGAGAGGAGCTGCCAGGATATAGATGAGTGTCTCTTTGATCGAAC  
CTGTGACCACATGTGTCAACACTCCGGGAAGCTTCCAGTGTCTGTGCATCGAGGCTACCTTCTGTAT  
GGCATCTCTCATTGTGGGGATGTGGATGAATGCAGCATCAATAAGGGGGGCTGCCGCTTTGGTGTCATCA  
ACACCCAGGCAGCTATCAGTGTACCTGCCCGGACGGCCAGGGCCGCTCCACTGGAAGCGAAAGGATTG  
CACAGAGCCAGTGAAGTGCCAGAGCAGTCTGGAGCCTCAAAGCCATGCTCAGCTGCAGTCGACTCGGGC  
AAGAAGGATACCTGTGCCCTGACCTGCCCTCCCGCGCCCGGTTCTTACCAGAGTCAGAGAACCGATTCA  
CAGTGAGCTGCGGTACCCGAGCCCTAAAGCTGTGCAGGTGAGCCATTACCCGGGCAACAGCACCAT  
CTCCAACCTCTGCCATGAGGCTGCAGTGTGCCAGTCAAGCAGAGGGCCTCCTTCAAGATCAAGGACGCC  
AAATGTCGTCTGCATCTGCGAAACAAAGGCAAAGCGGAGGAGGCCAGCGGCAGAACCCGGGGCCAGGTG  
GTGCCCTCTGCTCTGACTGCCAGGTACCTTTATCCATCTTAAGTGTGACTCTTCTCGGAAGGGCAAGGG  
CAGACGGGCCCGAACCCCTCCAGGCAAGGAGGTTACCCGACTCACCTGGAATTAGAAGCTGAGGTGAGA  
GAGAAGAAACGACAGCTGGCTGTGGGTGACTTGCCTCCGACAGCGGATGGAACGAAGGCTGAAAGGGT  
CCCTGAAGATGCTCAGAAAGTCCATCAACCAGGACCGGTTCTGTCTGCGTCTGGCCGGCCTTGACTATGA  
GCTAGCCACAAGCCAGGCTGGCAGCTGGGGACCGAGCAGAGCTAGTGGAGGTCTGCCGACCCGGGCAG  
CACCGAGCAGGCACCAAGTGTGTGAGCTGCCCGCAGGGAACGTATTACCACGGCCAGACGGAGCAGTGTG  
TGCCATGCCAGCGGGCACCTTCCAGGAGAGGGGAAGGGCAGCTCTCCTGCGACCTTTGCCCTGGGAGTGA  
TGCCCACGGGCCCTTGGAGCCACCAACGTCAACACGTGTGCAGGTGAGTGCACCTGGTCAACACTCA  
GGGGATGGATTTAAGCCCTGCCAGCCCTGCCACGTGGCACCTATCAGCCCGAAGCAGGACGAACCCTGT  
GCTTCCCTGTGGCGGAGGCCTCACTACCAAGCAGGAGGGGCAGTCTCCTTCCAGGACTGTGACACCAA  
AGTCCAGTGTCCCGGGCCACTACTACAACACTAGCATCCATCGCTGTATCCGCTGTGCTGTGGGCTCC  
TACCAGCCAGACTTCCGCCAGAATTCTGCACCCGCTGCCAGGAAATACAAGCACGGACTTCGATGGCT  
CTACCAGTGTGGCCAGTGAAGAATAGGCAGTGTGGCGGGGAGCTGGGTGAGTTCACTGGCTACATCGA  
GTCTCCAACTACCCGGGTAACCTACCCAGCTGGTGTGGAGTGCATCTGGAACATCAACCCCCACCCAAG  
CGCAAGATCCTCATTGTGGTCCCTGAAATCTTCTGCCGTCCGAGGACGAGTGTGGGGACGCTCTGGTCA  
TGAGAAAGAACTCCTCCCATCCTCCATCACCAGTATGAGACCTGCCAGACATACGAGCGGCCATCGC  
CTTACCGCCCGGTCCAGGAACTCTGGATCAACTTCAAGACCAGCGAGGCAACAGCGCGGTGGTTTTT  
CAGATTCCTATGTAACCTACGATGAGGACTATGAGCAGCTGGTGAAGATATAGTCCGGATGGCCGGC  
TGTACGCCTCTGAGAACCACAGGAGATCTAAAGGATAAGAAGCTTATCAAGGCCTTCTTTGAGGTCT  
GGCCACCCCAAACTACTTCAAGTACACAGAGAAACACAAGGAGATGCTGCCAAAGTCCTTATCAAG  
TTACTGCGCTCAAGGTCTCCAGCTTCTGAGGCCTTACAAATAG

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

<b>Restriction Sites:</b>	Sgfl-Mlul
<b>ACCN:</b>	NM_001271362
<b>Insert Size:</b>	2985 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><a href="#">NM_001271362.1</a></u> , <u><a href="#">NP_001258291.1</a></u>
<b>RefSeq Size:</b>	2985 bp
<b>RefSeq ORF:</b>	2985 bp
<b>Locus ID:</b>	294297
<b>Cytogenetics:</b>	20p12