

## Product datasheet for **MC229153**

### Scube1 (NM\_001271473) Mouse Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Scube1 (NM_001271473) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Scube1
Synonyms:	7330410C13Rik; A630023E24Rik
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**Fully Sequenced ORF:** >MC229153 representing NM\_001271473  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**GCGATCGCC**

ATGGGCGCGGCCGCTGCGCTGGCACTTGTACTACTGCTCGTCTGGGAGCGCGGCCGGCTGGTGG  
 GGGCAGCGGGCTGCCAGGAGCCGTGGACGTGGATGAATGCTCAGAGGGACAGACGACTGCCACATAGA  
 TGCCATCTGCCAGAACACACCCAAGTCTTACAAATGTCTCTGCAAGCCCGCTATAAGGGGAAGGAAGG  
 CAGTGTGAAGACATTGACGAGTGTGAGAATGACTACTACAACGGGGGCTGTGTCCATGACTGCATCAACA  
 TCCCTGGAACTACAGGTGCACCTGCTTTGATGGCTTCATGCTGGCCATGATGGACACAACCTGCCTGGA  
 TGTAGATGAGTGTCAAGACAACAACGGCGGCTGCCAGCAGATCTGCGTCAATGCCATGGGCGACTATGAA  
 TGCCAGTGCCACAGCGGCTTTTTCTCAGTGACAACCAACACACCTGCATACACCGCTCCAATGAGACAT  
 GTGCAGTGAACAACGGAGGCTGTGACCGGACGTGTAAGGACACTGCCACTGGCGTGGGTGCAGCTGCC  
 GGTGGATTACAGCTGCAGCCAGATGAAAAGACATGCAAAGACATCAACGAGTGTGATGAATAACGGA  
 GGCTGCGACCACTTCTGCGAAAACACCGTGGGCGAGCTTTGAATGCGGCTGCCAAAAGGGCCACAAGCTAC  
 TGACGGACGAGCGGACATGCCAAGACATTGACGAGTGTCTTTGAGCGGACCTGTGACCACATCTGCAT  
 CAACTCCCCGGCAGTTTCCAGTGCCTGTGCCCGGAGGCTACACACTCTACGGGACAACCCACTGCGGA  
 GACGTGGATGAATGTAGCATGAACAACGGCAGCTGTGAGCAGGGCTGTGTCAACCAAGGGCAGCTACG  
 AGTGTGTGTGCCACCAGGGAGGAGGCTGCACTGGAATCAGAAGGACTGTGTGGAGATGAACGGGTGCT  
 GTCTCGGTCCAAGGCTCTGCCAGGCCAGCTGTCTGTGGCAAGGTGGTGGAGTGGAAAAGTCTTCC  
 CTGTCTCGCTGGGCCACAGTCTTTCATGCCAGATTGAGAAAGCAGTACATCCTGAGTGTGGTGTTC  
 CAGGTCTCCAGGGCAAGACACTGCCAAAACGCAATGGCACTAGCTCCAGTACAGGGCCCGCTGCTCAGA  
 TGCCCCACACCCCTATCAGACAGAAGGCCCGCTTCAAGATCAGAGATGCCAAGTGCCATCTCCAGCCC  
 CGCAGCCAGGAGCGAGCCAAGGATACCCTGAGGATCCCCTTTTAGACAACCTGCCACGTGACTTTTGTGA  
 CCCTCAAGTGTGACTCCTCCAAGAAGAGGCGCCGAGGCCGCAAGTCCCCATCCAAGGAGGTGTCCACAT  
 CACAGCAGAGTTTGGAGTGGAGATGAAGGTGGATGAGGCCTCAGGCACCTGCGAAGCAGACTGCATGCGG  
 AAGCGTGCCGAGCAGAGCCTGCAAGCCGCCATCAAGATTCTGCGCAAGTCCATTGGTGGAAACAGTTCT  
 ATGTCCAGGTCTGGGCACTGAGTACGAGGTGGCCAGCGCCAGCCAAAGCACTGGAGGGAACCGGGAC  
 TTGCGGCATAGGCCAAATACTACAGGACGGCAAGTGTGTACCGTGTGCTCCTGGCACCTACTTCAGTGGT  
 GACCCAGGCCAGTGTATGCCATGCGTGTGCGGAACCTACCAGGACATGGAAGGCCAGCTCAGCTGCACGC  
 CATGCCCCAGCAGCGAAGGACTGGGTCTGGCTGGTGGCCGAAACGTATCCGAATGTGGAGGCCAGTGCTC  
 TCCAGGCTACTTCTCAGCGGATGGGTTCAGGCCTTCCAGGCCTGCCCTGTGGGCACATACCAGCCCGAG  
 CCTGGGCGAACCGGCTGCTTCCCCTGTGGAGGCGGGCTGCTACCAAAACACACGGGTACCGCCTCTTTCC  
 AGGACTGCGAGGCCAAAGTGCATTGCTCTCCCGGACCACTACAATACCACCACCACCGGTGTATCCG  
 CTGTCCCGTGGGCACCTATCAGCCCGAGTTTGGCCAGAACCATTGCATCTCCTGTCCGGGCAACACCAGC  
 ACCGATTTTGATGGTCCACCAACGTACACACTGCAAGAACCAGCACTGCGGCGGCGAAGTGGTACT  
 ACACAGGCTACATCGAGTCCCCAACTACCCTGGCGACTACCCAGCCAATGCAGAGTGTGTGTGGACAT  
 CGCACCTCCCCAAAGCGCAGGATCCTAATCGTAGTCCCGGAGATCTTCCATCCCATCGAGGACGAGTGT  
 GGTGATGTCTGGTGCATGAGAAAGAGTGCCTCGCCACGTGAGTACCACCTATGAGACGTGCCAGACCT  
 ATGAGCGGCCATCGCCTTTACCTCCCGTTCGCCAAACTCTGGATCCAGTTCAAATCCAACGAAGCCAA  
 CAGTGGCAAAGGGTTTCAAGTGCCTATGTACCTATGATGAGGACTACCAGCAGCTAATAGAAGACATC  
 GTGCGTGTGGGCGCTTATATGCCTCGGAGAACCATCAGGAGATTTTGAAGACAAGAAGCTGATCAAGG  
 CCCTCTTTGACGTGTGGCACACCCACAAAACCTACTTCAAATACACAGCCAGGAGTCCAAGGAGATGTT  
 CCCCCGGTCTTTATCAAACCTTCTGCGTTCCAAAGTGTCTCGGTTCTGCGGCCCTACAA**TAA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** Sgfl-Mlul  
**ACCN:** NM\_001271473

<b>Insert Size:</b>	2724 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_001271473.1</a></u> , <u><a href="#">NP_001258402.1</a></u>
<b>RefSeq Size:</b>	7599 bp
<b>RefSeq ORF:</b>	2724 bp
<b>Locus ID:</b>	64706
<b>Cytogenetics:</b>	15 E1
<b>Gene Summary:</b>	<p>Could function as an adhesive molecule and its matrix bound and soluble fragments may play a critical role in vascular biology.[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (3) lacks three alternate in-frame exons, compared to variant 1. The encoded isoform (c) is shorter than isoform a. Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.</p>