

Product datasheet for **MC229279**

Scube1 (NM_001271472) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Scube1 (NM_001271472) 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
Fully Sequenced ORF: >MC229279 representing NM_001271472
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGGGCGCGGGCCGTCGCTGGCACTTGTACCTACTGCTCGCTCTGGGAGCGCGGGCGGCTGGTGG
 GGGCAGCGGGCTGCCAGGAGCCGTGGAGTGGATGAATGCTCAGAGGGCACAGACGACTGCCACATAGA
 TGCCATCTGCCAGAACACACCCAAGTCTTACAAATGTCTCTGCAAGCCCGGCTATAAGGGGAAGGAAGG
 CAGTGTGAAGACATTGACGAGTGTGAGAATGACTACTACAACGGGGGCTGTGTCCATGACTGCATCAACA
 TCCTGGGAACACAGGTGCACCTGCTTTGATGGCTTCATGCTGGCCATGATGGACACAACCTGCCTGGA
 TGTAGATGAGTGTCAAGACAACAACGGCGGCTGCCAGCAGATCTGCGTCAATGCCATGGGCAGTATGAA
 TGCCAGTGCCACAGCGGCTTTTTCTCAGTGACAACCAACACACCTGCATACACCCTCAATGAGGGTA
 TGAAGTGCATGAACAAAGACCATGGCTGTGCCACATCTGCCGGGAGACGCCAAAGGTGGGGTAGCCTG
 TGACTGCAGGCCCGGCTTTGACCTTGCCAAAACAGAGGACTGCACACTAACCTGTAACATGGAAC
 GGAGGCTGTGAGCAGCTGCGAGGACACGGACACGGGCCCATGTGTGGCTGCCACAGAAAGTACGCCT
 TACATGCAGATGGTCCGACGTGCATCGAGAAGGATGAGGCTGCAATTGAGCGCTCTCAGTCAATGCCAC
 GTCAGTAGCTGATGTGGACAAGCGGGTGAAACGGCGGCTCCTCATGGAGACATGTGCAGTGAACAACGGA
 GGCTGTGACCGGACGTGTAAGGACACTGCCACTGGCGTGCAGTGCAGCTGCCCGTTGGATTACGCTGC
 AGCCAGATGAAAAGACATGCAAAGACATCAACGAGTGTGATGAATAACGGAGGCTGCGACCATTCTG
 CCGAAACACCGTGGCAGCTTTGAATGCGGCTGCCAAAAGGGCCACAAGCTACTGACGGACGAGCGGACA
 TGCCAAGACATTGACGAGTGTCCCTTTGAGCGGACCTGTGACCACATCTGCATCAACTCCCCGGCAGTT
 TCCAGTGCCTGTGCCCGGAGGCTACACACTCTACGGACAACCCACTGCGGAGACGTGGATGAATGTAG
 CATGAACAACGGCAGCTGTGAGCAGGGCTGTGTAACACCAAGGGCAGCTACGAGTGTGTGTGCCACCA
 GGGAGGAGGCTGCACTGGAATCAGAAGGACTGTGTGGAGATGAACGGGTGCCTGTCTCGGTCCAAGGCT
 CTGCCAGGCCAGCTGTCTGTGGCAAGTGGTGGAGTGGAAAAGTCTTCTGTCTGCTGCTGGGCCA
 CAGTCTTTCATGCCAGATTCAGAAAGCAGCTACATCCTGAGCTGTGGTGTCCAGGTCTCCAGGGCAAG
 AACTGCCAAAACGCAATGGCACTAGCTCCAGTACAGGGCCCGGCTGCTCAGATGCCCCACCACCCTA



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TCAGACAGAAGGCCCGCTTCAAGATCAGAGATGCCAAGTGCCATCTCCAGCCCCGAGCCAGGAGCGAGC
 CAAGGATACCCTGAGGCATCCCCTTTTAGACAACCTGCCACGTGACTTTTGTGACCCTCAAGTGTGACTCC
 TCCAAGAAGAGGCCGCGGAGGCCGCAAGTCCCCATCCAAGGAGGTGTCCCACATCACAGCAGAGTTTGAGG
 TGGAGATGAAGGTGGATGAGGCCCTCAGGCACCTGCGAAGCAGACTGCATGCGGAAGCGTGCCGAGCAGAG
 CCTGCAAGCCGCCATCAAGATTCTGCGCAAGTCCATTGGTCGGAACCAGTTCTATGTCCAGGTCTTGGGC
 ACTGAGTACGAGGTGGCCAGCGGCCAGCCAAAGCACTGGAGGGAACCGGACTTGGCGCATAGGCCAAA
 TACTACAGGACGGCAAGTGTGTACCGTGTGCTCCTGGCACCTACTTCAGTGGTGACCCAGGCCAGTGTAT
 GCCATGCGTGTGCGGAACCTACCAGGACATGGAAGGCCAGCTCAGCTGCACGCCATGCCCCAGCAGCGAA
 GGACTGGGTCTGGCTGGTGGCCGAAACGTATCCGAATGTGGAGGCCAGTCTCTCCAGGCTACTTCTCAG
 CGGATGGGTTCAAGCCTTGCCAGGCCTGCCCTGTGGGCACATACCAGCCCAGCCTGGGCGAACCGGCTG
 CTTCCCTGTGGAGGCGGGCTGCTACCAAACACACGGGTACCGCCTCTTCCAGGACTGCGAGGCCAAA
 GTGCATTGCTCTCCGGACACCACTACAATACCACCACCACCGGTGTATCCGCTGTCCCGTGGGCACCT
 ATCAGCCCAGTTTGGCCAGAACCATTGCATCTCCTGTCCGGGCAACACCAGCACCATTGATGGTTC
 CACCAACGTACACACTGCAAGAACCAGCACTGCGGCGGCGAAGTGGTGACTACACAGGCTACATCGAG
 TCCCCAACTACCCTGGCGACTACCCAGCCAATGCAGAGTGTGTGGCACATCGCACCTCCCCAAAGC
 GCAGGATCCTAATCGTAGTCCCGGAGATCTTCTACCCATCGAGGACGAGTGTGGTGATGTCTGTGTCAT
 GAGAAAGAGTGCCTCGCCACGTGAGTACCACCTATGAGACGTGCCAGACCTATGAGCGGCCCATCGCC
 TTTACCTCCCGTTCCCGCAAACCTCTGGATCCAGTTCAAATCCAACGAAGCCAACAGTGGCAAAGGTTTC
 AAGTGCCTATGTACCTATGATGAGGACTACCAGCAGCTAATAGAAGACATCGTGCGTGATGGGCGCTT
 ATATGCCTCGGAGAACCATCAGGAGATTTTGAAGACAAGAAGCTGATCAAGGCCCTCTTTGACGTGCTG
 GCACACCCACAAAACCTACTTCAAATACACAGCCAGGAGTCCAAGGAGATGTTCCCCGGTCTTTATCA
 AACTTCTCGGTTCCAAAGTGTCTCGGTTCTGCGGCCCTACAAA**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_001271472
- Insert Size:** 3057 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.
- 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_001271472.1](#), [NP_001258401.1](#)

RefSeq Size: 7932 bp

RefSeq ORF: 3057 bp

Locus ID: 64706

UniProt ID: [Q6NZL8](#)

Cytogenetics: 15 E1

Gene Summary: 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]
Transcript Variant: This variant (1) represents the longest transcript and encodes the longest 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.