

Product datasheet for MC222998

Scube1 (NM_022723) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Scube1 (NM_022723) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Scube1
Synonyms:	7330410C13Rik; A630023E24Rik
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>MC222998 representing NM_022723 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGGCGCGGGCCGTCGCTGGCACTTGTACCTACTGCTCGCTCTGGGAGCGCGGGCGGCTGGTGG
GGGGCAGCGGGCTGCCAGGAGCCGTGGACGTGGATGAATGCTCAGAGGGCACAGACGACTGCCACATAGA
TGCCATCTGCCAGAACACACCCAAGTCTTACAAATGTCTCTGCAAGCCCGGCTAAGGGGAAGGAAGG
CAGTGTGAAGACATTGACGAGTGTGAGAATGACTACTACAACGGGGCTGTGTCCATGACTGCATCAACA
TCCCTGGGAACACAGGTGCACCTGCTTTGATGGCTTCATGCTGGCCATGATGGACACAACCTGCCTGGA
TGTAGATGAGTGTCAAGACAACAACGGCGCTGCCAGCAGATCTGCGTCAATGCCATGGCAGCTATGAA
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TGACTGCAGGCCCGGCTTTGACCTTGCCAAAACAGAAAGGACTGCACACTAACCTGTAACATATGAAAAC
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CAGAAAGCAGCTACATCCTGAGCTGTGGTGTCCAGGTCTCCAGGGCAAGACACTGCCAAAACGCAATGG
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AAGATCAGAGATGCCAAGTGCCATCTCCAGCCCCGAGCCAGGAGCGAGCCAAGGATACCCTGAGGCATC
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CCGCAAGTCCCCATCCAAGGAGGTGTCCACATCACAGCAGAGTTTGGAGTGGAGATGAAGTGGATGAG
GCCTCAGGCACCTGCGAAGCAGACTGCATGCGGAAGCGTGCCGAGCAGAGCCTGCAAGCCGCCATCAAGA
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GCGGCCAGCCAAAGCACTGGAGGGAACCGGACTTGGGCATAGGCCAAATACTACAGGACGGCAAGTGT
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TCTCGGTTCTGCGGCCCTACAAATAA
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ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_022723
- Insert Size:** 2967 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).
- 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_022723.3](#), [NP_073560.2](#)
- RefSeq Size:** 7842 bp
- RefSeq ORF:** 2967 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 (2) lacks an alternate in-frame exon, compared to variant 1. The encoded isoform (b) 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.