

Product datasheet for **MC220808**

Scube1 (BC080278) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Scube1 (BC080278) 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



[View online »](#)

Fully Sequenced ORF: >BC080278
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGGGCGCGGCCGCTGCGCTGGCACTTGTACTACTGCTCGTCTGGGAGCGCGGGCGGCTGGTGG
 GGGCAGCGGGCTGCCAGGAGCCGTGGACGTGGATGAATGCTCAGAGGGCACAGACGACTGCCACATAGA
 TGCCATCTGCCAGAACACACCCAAGTCTTACAATGTCTCTGCAAGCCCGCTATAAGGGGGAAGGAAGG
 CAGTGTGAAGACATTGACGAGTGTGAGAATGACTACTACAACGGGGGCTGTGTCCATGACTGCATCAACA
 TCCCTGGGAACACAGGTGCACCTGCTTTGATGGCTTCATGCTGGCCATGATGGACACAACCTGCCTGGA
 TGTAGATGAGTGTCAAGACAACAACGGCGGCTGCCAGCAGATCTGCGTCAATGCCATGGGCGACTATGAA
 TGCCAGTGCACAGCGGCTTTTTCTCAGTGACAACCAACACACCTGCATACACCGCTCCAATGAGACAT
 GTGCAGTGAACAACGGAGGCTGTGACCGGACGTGTAAGGACACTGCCACTGGCGTGGGTGCAGCTGCC
 GGTGGATTACAGCTGCAGCCAGATGAAAAGACATGCAAAGACATCAACGAGTGTGATGAATAACGGA
 GGCTGCGACCACTTCTGCGAAAACACCGTGGGCGAGCTTTGAATGCGGCTGCCAAAAGGGCCACAAGCTAC
 TGACGGACGAGCGGACATGCCAAGACATTGACGAGTGTCTTTGAGCGGACCTGTGACCACATCTGCAT
 CACTCCCCCGGCAAGTTCAGTGCCTGTGCCCGGAGGCTACACACTCTACGGGACAACCCACTGCGGA
 GACGTGGATGAATGTAGCATGAACAACGGCAGCTGTGAGCAGGGCTGTGTCAACCAAGGGCAGCTACG
 AGTGTGTGTGCCACAGGGAGGAGGCTGCACTGGAATCAGAAGGACTGTGTGGAGATGAACGGGTGCT
 GTCTCGGTCCAAGGCTCTGCCAGGCCAGCTGTCTGTGGCAAGGTGGTGGAGTGGAAAAGTCTTC
 CTGTCTCGCTGGGCCACAGTCTTTCATGCCAGATTGAAAAGCAGCTACATCCTGAGTGTGGTGTTC
 CAGGTCTCCAGGGCAAGACACTGCCAAAACGCAATGGCACTAGCTCCAGTACAGGGCCCGCTGCTCAGA
 TGCCCCACACCCCTATCAGACAGAAGGCCCGCTTCAAGATCAGAGATGCCAAGTGCCATCTCCAGCCC
 CGCAGCCAGGAGCGAGCCAAGGATACCCTGAGGATCCCCTTTTAGACAACCTGCCACGTGACTTTTGTGA
 CCCTCAAGTGTGACTCCTCCAAGAAGAGGCGCCGAGGCCGCAAGTCCCCATCCAAGGAGGTGTCCACAT
 CACAGCAGAGTTTGGAGTGGAGATGAAGGTGGATGAGGCCTCAGGCACCTGCGAAGCAGACTGCATGCGG
 AAGCGTGCCGAGCAGAGCCTGCAAGCCGCCATCAAGATTCTGCGCAAGTCCATTGGTGGAAACAGTTCT
 ATGTCCAGGTCTGGGCACTGAGTACGAGGTGGCCAGCGCCAGCCAAAGCACTGGAGGGAACCGGGAC
 TTGCGGCATAGGCCAAATACTACAGGACGGCAAGTGTGTACCGTGTGCTCCTGGCACCTACTTCAGTGGT
 GACCCAGGCCAGTGTATGCCATGCGTGTGCGGAACCTACCAGGACATGGAAGGCCAGCTCAGCTGCACGC
 CATGCCCCAGCAGCGAAGGACTGGGTCTGGCTGGTGGCCGAAACGTATCCGAATGTGGAGGCCAGTGCTC
 TCCAGGCTACTTCTCAGCGGATGGGTTCAGCCTTCCAGGCCTGCCCTGTGGGCACATACCAGCCCGAG
 CCTGGGCGAACCGGCTGCTTCCCCTGTGGAGGCGGGCTGCTACCAAAACACACGGGTACCGCCTCTTTCC
 AGGACTGCGAGGCCAAAGTGCATTGCTCTCCCGGACCACTACAATACCACCACCACCGGTGTATCCG
 CTGTCCCGTGGGCACCTATCAGCCCGAGTTTGGCCAGAACCATTGCATCTCCTGTCCGGGCAACACCAGC
 ACCGATTTTGTAGGTTCCACCAACGTACACACTGCAAGAACCAGCACTGCGGCGGCGAAGTGGTACT
 ACACAGGCTACATCGAGTCCCCAACTACCCTGGCGACTACCCAGCCAATGCAGAGTGTGTGTGGACAT
 CGCACCTCCCCAAAGCGCAGGATCCTAATCGTAGTCCCGGAGATCTTCTACCCATCGAGGACGAGTGT
 GGTGATGTCTGGTGCATGAGAAAGAGTGCCTCGCCACGTGAGTACCACCTATGAGACGTGCCAGACCT
 ATGAGCGGCCATCGCCTTTACCTCCCGTTCGCCAAACTCTGGATCCAGTTCAAATCCAACGAAGCCAA
 CAGTGGCAAAGGGTTTCAAGTGCCTATGTACCTATGATGAGGACTACCAGCAGCTAATAGAAGACATC
 GTGCGTGTGGGCGTTATATGCCTCGGAGAACCATCAGGAGATTTTGAAGACAAGAAGCTGATCAAGG
 CCCTCTTTGACGTGTGGCACACCCACAAAACCTACTTCAAATACACAGCCAGGAGTCCAAGGAGATGTT
 CCCCCGGTCTTTATCAAACCTTCTGCGTTCCAAAGTGTCTCGGTTCTGCGGCCCTACAAATAA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCTGAAGAGGATCTGGCAGCAAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul
ACCN: BC080278

Insert Size:	2724 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:	<ol style="list-style-type: none">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:	<u>BC080278</u> , <u>AAH80278</u>
RefSeq Size:	5147 bp
RefSeq ORF:	2723 bp
Locus ID:	64706
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]