

Product datasheet for **MC222873**

Scube2 (NM_020052) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Scube2 (NM_020052) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Scube2
Synonyms:	4932442O19Rik; Cegf1; Cegp1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF:

>MC222873 representing NM_020052
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGGGGTTCGCGGTTGCGGTTCGCGCTCGGAAGCCCGGGCGCTGTTGCTGCTGCTGCTGCTGCTGCCG
 CGCTGCTGGCCGCGCCGTCCTCCCGACCGGGTCTCACCAACGGCCGTCGAGGATGTGGATGAGTG
 TGCCAAAGGGCTCGATGACTGCCATGCTGATGACTGTGTGAGAACACACCCACTTCTACAAGTCTCT
 TGCAAGCTGGCTACCAAGGGGAAGGCAGGCAAGTGTGAGGACATGGATGAATGTGACAACACTCAACG
 GAGGCTGTGCCAGACTGTTAAATATCCAGGCAACTATCGCTGCACCTGTTTCGATGGCTTCATGTT
 GGCTCATGATGGTCATAATTGCTTGATATGGACGAATGCTTGGAGAACAATGGTGGCTGCCAGCACATC
 TGCACCAACGTTATTGGGAGCTATGAATGTCGCTGCAAAGAAGGTTTCTTCTAAGTGACAATCAGCACA
 CTTGCATTACCCGCTCAGAAGAAGGCCTGAGCTGTATGAACAAGGATCATGGCTGTGGTTCACATCTGCAA
 GGAGGCCCAAGAGGCAGCGTTGCTGTGAATGCAGGCCTGGTTTGAAGTGGCCAAAACAGAAAGAC
 TGATCTTGACTTGTAAACCATGGAATGGTGGGTGTCAGCACTCTGTGAAGATACAGCAGAAGGCCCTG
 AGTGTAGTTGCCATCCACGGTATAGGTTGCATGCTGATGGGAGAAGCTGCCTAGAGCAAGAGGGCACTGT
 CTTGGAGGGGACAGAGCAATGCCACATCAGTGGCGGATGGAGATAAACGGGTGAAGCGTCCGGTCTC
 ATGGAAACGTGTGCCGTCACCAACGGAGGCTGCGACCCGACCTGTAAAGACAGTCCACAGGCGTCCACT
 GCAGCTGCCCCACTGGATTCACCTCCAGGTGGATGGGAAGACATGTAAGATATCGATGAGTCCAGAC
 CCGGAATGGAGGTTGTAACCATTTCTGCAAAAACACCGTGGGCAGTTTGGACTGCAGTTGCAAAAAGGA
 TTTAAATTAACAGACGAGAAGTCTTGCCAAGATGTGGATGAATGTTGTTGGAAAGGACCTGTGACC
 ACAGTTGCATCAACCACCTGGCACATTTATTTGCTGCAACCCAGGGTACACTCTCTATAGCTTCCAC
 CCACTGTGGAGACACCAACGAGTGCAGTGTCAACAATGGAGGCTGCCAGCAAGTGTGCATCAACACAGTG
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 AGGGCTTCCCGCCACTAGCATGACACCGCGTGTCCCTGCACTGTGGTAAAAGTGGTGGAGGAGACAG
 GTGCTTCCCTCAGATGTCGCTCTGGCATTACCTCTCGTCAGGACTGCAAGAGGCTTACTCTGTCACTGT
 GGCTTCTCTCTCAGAAGCAAACAGCAAAAATCAAATGACTCTGCCTTGGGGATGTCGTACCCGTC
 GGACAAGTGAACCTTAAAGCTAAATGAAGGCAAGTGTAGTTGCAAAAAGGCAAGCTGTCTCCCGAGGG
 TCTACGACCAGCACTACCAGAGAGGCACAGCTCAGTAAAAGAGAGCTTCCAGTACGCAAACTTACATGC
 AGCCCTGGCAAGCAAGTCCCGGAGCCCTTGGCCGACTGAACGCCCTAAGGAAATGTTTATCACGTTG
 AGTTTGAACGGGAACTTACGAAAAGGAGGTGACAGCTTCTGCAATCTGAGCTGCGTGGTAAAGCGGAC
 AGAGAAGAGACTGCGGAAAGCTCTCCGCACACTCAAGAGAGCTGCCACAGGGAGCAGTTTCATCTGCAG
 CTCTCAGGCATGGACCTCGATATGGCTAAAACGCCCTCCAGAGTGTGAGGACAGCATGAAGAGACCTGTG
 GAGTGGGACAGGGTATGAAGAAAGCCAGTGTGGCCTTTGTCAGCCAGGTGAATATTCAGCAATGGATT
 TGCCCCCTTGCCAGCTCTGTGCCCTGGGCACCTTTCAGCCTGATGTGGGCCGTACATCTTGCCCTCATGC
 GGAGGAGGTCTTCCACCAAACATCTGGGAGCCACTTCCCTCCAGGATTGTGAAACCCGAGTTCAATGCT
 CGCCTGGGCATTTCTACAACACCACACACCCGATGTATCCGATGCCCACTAGGGACATACCAGCCTGA
 ATTTGGAAAAAATAATTGTGTTTCTGCCCCGGCAATACTACCACCGACTTGGTGGCTCCACCAACATA
 ACACAGTGTAAAAACAGAAAGTGTGGAGGGAGCTGGGGGATTTACAGGGTATATTGAATCCCAAACCT
 ACCCTGGGAACTACCCAGCAACTCAGAGTGCACCTGGACCATCAACCCACCCCAACCCGCGGATCCT
 GATTGTGGTCCCTGAGATCTTCTGCCATAGAGGATGACTGCGGTGACTACCTGGTGTGCGGAAAACC
 TCTTCATCAAATCTGTGACCACATATGAAACCTGCCAGACTTATGAACGCCCATCGCCTTACCTCCA
 GGTCAAAGAACTGTGGATTCAAGTCCAATGAAGGGAACAGTGCCCGGGGTTCCAGGTTCCCTA
 TGTGACATACGATGAGGACTACCAGGAGCTCATTGAAGACATAGTTCGAGATGGCAGGCTCTATGCCTCT
 GAGAACCATCAGGAAATACTGAAGGATAAGAACTGATCAAGGCTCTGTTTGTGCTGCTGGCACATCCCC
 AGAACTATTTCAAGTACACAGCCAGGAGTCCCGAGAGATGTTTCAAGATCTTTCATCCGATTGCTACG
 TTCCAAAGTGTCAAGGTTTCTGAGGCCTTACAAATGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	Sgfl-Mlul
ACCN:	NM_020052
Insert Size:	2907 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>NM_020052.2</u> , <u>NP_064436.2</u>
RefSeq Size:	3576 bp
RefSeq ORF:	2907 bp
Locus ID:	56788
Cytogenetics:	7 57.53 cM