

Product datasheet for MC223015

Scube3 (NM_001004366) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Scube3 (NM_001004366) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Scube3
Synonyms:	CEGF3; D030038I21Rik
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>MC223015 representing NM_001004366 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGGGCTCGGGGCGGTCCCGGGCTCTGCCTGCTCCTCTGCTGGTCCACGCGCGCCGCCAGCATG
GCAAAGCTGCGCAAGATGTAGATGAGTGTGTGGAAGGCACGGACAATTGCCACATCGATGCCATCTGCCA
GAATACCCACGGTCTTACAAGTGCATCTGCAAGTCCGGCTACACGGGGACGGGAAGCACTGCAAAGAC
GTGGATGAGTGTGAACGGGAGGACAACGCAGGCTGTGTGCACGACTGTGTCAACATCCCTGGTAATTACC
GGTGTACCTGCTACGACGGATTTCACTGGCACATGACGGACACAACCTGTCTGGATGTGGATGAGTGTGC
AGAGGGCAACGGTGGCTGCCAGCAGAGCTGTGTCAACATGATGGGCAGCTACGAGTGCCATTGCAGAGAT
GGCTTCTCTCAGTGACAACAGCACACCTGTATCCAGCGGCCAGAAGAAGGAATGAACTGCATGAACA
AGAACCACGGCTGTGCCACATTTGCCGGGAGACTCCCAAGGGGGCATTGCCTGTGAATGCCGCCCTGG
CTTCGAGCTCACCAAGAACCAACGGGACTGTAATTTGACCTGCAACTATGGTAATGGCGGCTGCCAGCAC
ACCTGCGATGACACGGAGCAGGGTCTCGGTGCGGCTGCCACGTCAAGTTTGTCTCCACACCGACGGGA
AGACATGCATTGAAACCTGTGCTGTCAACAACGGAGGCTGCGACAGTAAGTGCCATGATGCAGCAGCCGG
AGTCCACTGCAGTGTCTGTGGTTTCATGCTGCAGCCAGACAGAAAGACCTGCAAAGATATAGACGAG
TGCCGCTTAAACAACGGGGCTGTGACCACATCTGCCGCAACACAGTGGGCAGCTTCGAGTGCAGCTGCA
AGAAGGGCTACAAGCTTCTCATCAACGAAAGGAGCTGCCAGGATATAGATGAGTGTCTCTCGACCGAAC
CTGTGACCACATGTGTGTCAACACCCCGGGGAGCTTCCAGTGTCTCTGTGCATCGTGGCTACCTTCTATAT
GGTGTCACTCACTGCGGGATGTGGACGAATGTAGCATCAATAAGGGAGGCTGCCGCTTTGGCTGCATCA
ACACCCAGGCAGCTATCAGTGTACCTGCCAGCAGGCCAGGGCCGCTTCACTGGAACGGGAAGGATTG
CACAGAGCCAGTGAAGTGTGAGCAGTCTTGGAGCCTCAAAGCCATGCTTAGCTGCAATCGCTCGGGC
AAGAAGGATACTGTGCCCTGACCTGTCCCTCCCGGGCCCGGTTCTTGCCAGAGTCAGAGAACGGTTTCA
CCGTGAGCTGTGGTACCCGAGCCCTAAAGCTGTCCAGCCCAGTGATCCACTCTGGGAACAGCACCGT
CTCCAGCTCCTGCCATGAGGCTGCAGTGTGCCAGTCAAGCAGAGAGCCTCCTTCAAGATCAAGGATGCC
AAATGTCGCTGCATCTGCGAAACAAAGGCAAAGCCGAGGAGGCCAGCAGGATCCTGGGGCCAGGTAGTG



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TCCCCTGCTCTGACTGCCTGGTCACTTTTCATCCACCTTAAGTGTGACTCTTCTCGGAAGGGCAAGGGCAG
 GCGGGCCCGGACCCCCAGGCAAGGAGGTTACCCGGCTCACCTGGAATTGGAAGCTGAGGTGAGAGCA
 GAAGAAACGACAGCTGGCTGTGGGCTGCCTTGCCTCCGACAGCGGATGGAACGGAGGCTGAAAGGGTCCC
 TGAAGATGCTCAGAAAGTCCATCAACCAAGACCGGTTCTGTGCGTCTGGCAGGCCTTGACTATGAGCT
 AGCCACAAGCCAGGCCTGGGAGCTGGGACCGAGCAGAGCTGGTGGAGGTCTGCCGACCTGGGCAGCAC
 CGAGCAGGCACCAAGTGTGTGAGCTGCCGACGGGAACGTATTACCACGGCCAGACGGAGCAGTGTGTGC
 CATGCCAGCGGGCACCTTCCAGGAGAGGGAAGGGCAGCTCTCCTGCGACCTTTGCCCTGGGAGTGATGC
 CCATGGGCTCTTGGAGCCACCAACGTACCACGTGTGCAGTGTGCGGACCTGGCCACCATTCAGGA
 GATGGGTTTAAGCCCTGCCAGCCATGCCCCGGGGCACCTATCAGCCTGAAGCAGGGCGAACCTGTGCT
 TCCCCTGTGGCGGAGGCCTCACCACCAAGCATGAGGGGGCAGTCTCCTTCCAGGACTGCGACACCAAAGT
 CCAGTGTCCCCGGGCCACTACTATAACTAGCATCCATCGCTGTATCCGCTGTGCTGTGGGCTCCTAC
 CAGCCAGATTTCCGTGAGAACTTCTGCACCCGCTGCCAGGAAATACAAGCACTGACTTTGATGGCTCGA
 CCAGTGTGGCCAGTGAAGAATCGGCAGTGTGGCGGGGAGCTAGGTGAGTTCAGTGGCTACATCGAGTC
 TCCCAACTACCCGGGCAACTACCCGGCCGGTGTGGAGTGTGCTGGAACATCAACCCCCACCCAAGCGC
 AAGATCCTCATCGTGGTCCCGAGATCTTCTGCCCTCCGAGGATGAGTGTGGGACGCTCTGGTATGA
 GAAAGAACTCTCCCATCTCTATCACCATTACGAGACCTGCCAGACCTACGAGCGGCCATTGCCTT
 CACCGCCCGGTCCAGGAACTCTGGATCAACTCAAGACCAAGTGGCCAACAGCGCTCGAGGCTTCCAG
 ATTCCTATGTGACCTACGATGAGGACTATGAGCAGCTGGTGAAGACATAGTGCCTGATGGCCGGCTGT
 ATGCCTCAGAAAACCACAGGAGATCTAAAGGACAAGAAGCTTATCAAGGCCTTCTTTGAGGTCCTGGC
 CCACCCTCAAACACTTCAAGTACACAGAGAAACACAAGGAGATGTGCCAAAATCCTTCATCAAGCTA
 CTGCGCTCAAAGTCTCCAGCTTCTGAGGCCTTACAAA TAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** Sgfl-Mlul
- ACCN:** NM_001004366
- Insert Size:** 2982 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_001004366.1](#), [NP_001004366.1](#)
- RefSeq Size:** 2982 bp
- RefSeq ORF:** 2982 bp
- Locus ID:** 268935

UniProt ID: [Q66PY1](#)

Cytogenetics: 17 A3.3

Gene Summary: Binds to TGFBR2 and activates TGFB signaling.[UniProtKB/Swiss-Prot Function]
Transcript Variant: This variant (1) represents the longer transcript and encodes the longer isoform (1). Sequence Note: The RefSeq transcript and protein were derived from genomic sequence to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on alignments.