

Product datasheet for **SC101033**

SCUBE1 (NM_173050) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	SCUBE1 (NM_173050) Human Untagged Clone
Tag:	Tag Free
Symbol:	SCUBE1
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)



[View online »](#)

Fully Sequenced ORF: >NCBI ORF sequence for NM_173050, the custom clone sequence may differ by one or more nucleotides

```

ATGGGCGCGGCGGCCGTGCGCTGGCACTTGTGCGTGCTGCTGGCCCTGGGCACACGCGGGCGGCTGGCCG
GGGGCAGCGGGCTCCCAGGGTCAGTCGACGTGGATGAGTGCTCAGAGGGCACAGATGACTGCCACATCGA
TGCCATCTGTGAGAACACGCCCAAGTCCTACAAATGCCTCTGCAAGCCAGGCTACAAGGGGAAGGCAAG
CAGTGTGAAGACATTGACGAGTGTGAGAATGACTACTACAATGGGGCTGTGTCCACGAGTGCATCAACA
TCCCGGGAACTACAGGTGTACCTGCTTTGATGGCTTCATGCTGGCACACGATGGACACAACCTGCCTGGA
TGTGGACGAGTGTGAGGACAATAATGGTGGCTGCCAGCAGATCTGCGTCAATGCCATGGGACGCTACGAG
TGTGAGTCCACAGTGGCTTCTTCTTAGTGACAACCAGCATACTGCATCCACCCTCCAATGAGGGTA
TGAAGTGCATGAACAAAGACCATGGCTGTGCCACATCTGCCGGGAGACGCCAAAGGTGGGGTGGCCTG
CGACTGCAGGCCCGGCTTTGACCTTGCCAAAACAGAGGACTGCACACTAACCTGTAATTATGGAAAC
GGAGGCTGCCAGCACAGTGTGAGGACACAGACACAGGCCCCACGTGTGGTTGCCACCAGAAGTACGCC
TCCACTCAGACGGTGCACGTGCATCGAGACGTGCGCAGTCAATAACGGAGGCTGCGACCCGACATGCAA
GGACACAGCCACTGGCGTGCATGACGTGCCCGTTGGATTCACTGCAGCCGGACGGGAAGACATGC
AAAGACATCAACGAGTGCCTGGTCAACAACGGAGGCTGCGACCCTTCTGCCGAACACCCTGGGACGCT
TCGAGTGGCGCTGCCGAAGGGCTACAAGCTGCTCACCAGCAGCGCACCTGCCAGGACATCGACGAGTG
CTCCTTCGAGCGGACCTGTGACCACATCTGCATCAACTCCCCGGGCGAGCTCCAGTGCCTGTGTACCCG
GGCTACATCCTCTACGGGACAACCCACTGCGGAGATGTGGACGAGTGCAGCATGAGCAACGGGAGCTGTG
ACCAGGGCTGCGTCAACACCAAGGGCAGCTACGAGTGCCTGTGTCCCCGGGGAGGCGGCTCCACTGGAA
CGGGAAGGATTGCGTGGAGACAGGCAAGTGTCTTCTCGCGCAAAGACCTCCCCCGGGCCAGCTGTCC
TGCAGCAAGGACAGCGGTGTGGAGAGCTGCTTCTTCTCGCGCAAAGACCTCCCCCGGGCCAGCTGTCC
CGAAAAATAGCTACGTCCGTGAGCTGCGGAGTTCAGGGCCGACGGCAAGGCGCTGCAGAAACGCAACGG
CACCAGCTCTGGCCTCGGGCCAGCTGCTCAGATGCCCCACCACCCCATCAAACAGAAGGCCCGCTTC
AAGATCCGAGATGCCAAGTGCCACCTCCGGCCCCACAGCCAGGCACGAGCAAAGGAGACCGCCAGGCAGC
CGCTGCTGGACCACTGCCATGTGACTTTCTGACCCCTCAAGTGTGACTCCTCCAAGAAGAGGCGCCGTG
CCGCAAGTCCCCATCCAAGGAGGTGCCACATCACAGCAGAGTTTGTGATCGAGACAAAGATGGAAGAG
GCCTCAGACATGCGAAGCGGACTGCTGCGGAAGCGAGCAGAACAGAGCCTGCAGGCCCCATCAAGA
CCCTGCGCAAGTCCATCGGCCGGCAGCAGTTCTATGTCCAGGTCTCAGGCACTGAGTACGAGGTAGCCCA
GAGGCCAGCCAAGGCGCTGGAGGGGACAGGGGCGATGTGGCGCAGGCCAGGTGCTACAGGACAGCAAATGC
GTTGCCTGTGGGCTGGCACCCACTTCGGTGGTGAAGTCTCGGCCAGTGTGTGTATGCCAGGAACAT
ACCAGGACATGGAAGGCCAGCTCAGTTGCACACCGTGCCCCAGCAGCGACGGGCTTGGTCTGCTGGTGC
CCGCAACGTGTGGAATGTGGAGGCCAGTGTCTCCAGGCTTCTTCTCGGCCGATGGCTTCAAGCCCTGC
CAGGCCTGCCCGTGGGCACGTACCAGCCTGAGCCCGGGCGCACCCGGCTGCTTCCCCTGTGGAGGGGTT
TGCTCACCAAACACGAAGGCACCACTCCTTCCAGGACTGCGAGGCTAAAGTGCAGTGTCCCCGGCCA
CCACTACAACACCACCACCACCTGCTCCGCTGCCCGTCCGGCACCTACCAGCCGAGTTTGGCCAG
AACCACATGCATCACCTGTCCGGGCAACACCAGCACAGACTTCGATGGCTCCACCAACGTACACACTGCA
AAAACCAGCACTGCGGCGGCGAGCTTGGTACTACACCGGTACATCGAGTCCCCCACTACCCTGGCGA
CTACCCAGCCAACGCTGAATGCGTCTGGACATCGCGCCTCCCCAAAGCGCAGGATCCTCATCGTGGTC
CCTGAGATCTTCTGCCATCGAGGATGAGTGGCGGATGTTCTGGTGTGAGGAAGAGTGCCTCTCCCA
CGTCCATCACCACTATGAGACCTGCCAGACCTACGAGAGGCCATCGCCTTCACTCCCCTCCCGCAA
GCTCTGGATCCAGTTCAAATCCAATGAAGGCAACAGCGGCAAAGGCTTCCAAGTGCCTATGTCACCTAC
GATGAGGACTACCAGCAACTCATAGAGGACATCGTGCAGGATGGGCGCCTGTACGCTCGGAGAACCACC
AGGAAATTTTGAAGACAAGAAGCTGATCAAGGCCCTTTCGACGTGCTGGCGCATCCCCAGAACTACTT
CAAGTACACAGCCAGGAATCCAAGGAGATGTTCCACGGTCTTCATCAAACCTGCTGCGCTCAAAGTG
TCTCGGTTCTGCGGCCCTACAATAA
    
```

5' Read Nucleotide Sequence:	<p>>OriGene 5' read for NM_173050 unedited</p> <pre> ATTTCCCCCGCCCGTTGNCGCTAAGGGCGGTAGGCGTGTACGGTGGGAGGTCTATATAAG CAGAGCTCGTTTGTGAAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGCG AATTTCGGCAGGAGGGGCTGGGCGGCTCGGGAGCCGAGCGGTGGCGGAGCGGGCAGCAGC GAGCAGCGCCTGCGGGAGCGGCCGGTTCGGTTCGGTCCCCGCGCCCGCACGCCCGCACGC CCAGCGGGGCCCGCATTGAGCATGGGCGCGGCCGGTTCGGTTCGGTTCGGTTCGGTTCGGT CTGGCCCTGGGCACACGCGGGCGGCTGGCCGGGGCAGCGGGCTCCCAGGGTCAGTCGAC GTGGATGAGTGCTCAGAGGGCACAGATGACTGCCACATCGATGCCATCTGTCAGAACACG CCCAAGTCTACAAATGCCTCTGCAAGCCAGGCTACAAGGGGAAGGCAAGCAGTGTGAA GACATTGACGAGTGTGAGAATGACTACTANCATGGGGGCTGTGTCCACGAGTGCATCAAC ATCCCGGGGAACACAGGTGTACCTGCTTTGATGGCTTCATGCTGGCACACGATGGACAC AACTGCCTGGATGTGGACGAGTGTGAGGACATAATGGTGGTGCACGAGATCTGCGTC AATGCCATGGGCAGCTACGAGTGTGATGCCACAGTGGCTTNCCTTCTTATTGACAACCAG CTTACCTGCATCCACCGTTCCCATGAGGGTATGACCTGCATGGACCAAGACCATGGCTG GGCCCACTTCTGCGGGAAACCCCAAGGTGGGGTGGCCCTGGNATTGGAGGCCCGGGTT TGACTTGGCCAAACCCAAAGGGTGGCCACTAACCGGTAATTTGGGAACGAGGCTGCCA CCACCCTGTAGGGACAAAACCGGCCACTGTGGGTTGCCACAAATTTCCCA </pre>
3' Read Nucleotide Sequence:	<p>>OriGene 3' genomic read for NM_173050 unedited</p> <pre> NGACCGTAGGGTGTCCCCTTCCCGCTAGGGCGGTAGGCGTGTACGGTGGNGAGTCTATA TAAGCAGATCTCGTTTGTGAAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGC CGCGAATTCGGCAGGAGGGGCTGGGCGGCTCGGGAGCCGAGCGGTGGCGGAGCGGGCAG CAGCGAGCAGCGCCTGCGGGAGCGGCCGGTTCGGTTCGGTTCCTCGCCCCGACGCCCGC ACGCCCCAGCGGGGCCCGCATTGAGCATGGGCGCGGCCGGTTCGGTTCGGTTCGGTTCGGT TGCTGCTGGCCCTGGGCACACGCGGGCGGCTGGCCGGGGCAGCGGGCTCCCATGGTCAG TCGACGTGGATGAGTGCTCAGAGGGCACAGATGACTGCCACATCGTTGCCATTTGGCATA ACACGCCAAAGTCTCCATCTGCCTCTGCTTGCNCGCCCTCCACGGGAAGGCTTTTCCCTT GTGTTCACTTACGATTGTGTTAACGTTTGTTCGTTTCGGGGCCCGCGCCCTTTTTTTTCC CCCCCCCCCGCTTTTTTTTCCCTTCCCTCCCTTTTTTCCCTTTTTTGTGTTTGGCCCTC CCCTCCCCCCCCCTCACCTGTTTTGTTGTTTCGTTTTCGTTTTCGTTTTCGTTTTCGTTTTC CCTTTTTTTTTTTTTTCCCTTCCCTTCCCGCGTTGTACCGTCCCTCCCGTTTCCCTTCC TGTTTTTTTTTCCCGTAGTTTTGTTTTGTTTCTCTCCCCACCTGCCTCTCCTGTACTTCG CGTTTTTTTCCCCCCTTTTTTTTCCGCCCTAGCTATCGCTTTCTGTTTTGCAATCTGT TTCCCCGCCCCACCATTTTTTGGCCCGCTTTTTTTTTCCCCCCCCACACCCCC </pre>
Restriction Sites:	NotI-NotI
ACCN:	NM_173050
Insert Size:	4500 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_173050.1](#), [NP_766638.1](#)

RefSeq Size: 2992 bp

RefSeq ORF: 2967 bp

Locus ID: 80274

UniProt ID: [Q8IWY4](#)

Cytogenetics: 22q13.2

Domains: CUB, EGF_CA, EGF, EGF

Protein Families: Druggable Genome, Secreted Protein

Gene Summary: This gene encodes a cell surface glycoprotein that is a member of the SCUBE (signal peptide, CUB domain, EGF (epidermal growth factor)-like protein) family. Family members have an amino-terminal signal peptide, nine copies of EGF-like repeats and a CUB domain at the carboxyl terminus. This protein is expressed in platelets and endothelial cells and may play an important role in vascular biology. [provided by RefSeq, Oct 2011]