

## Product datasheet for **MC220186**

### Sass6 (NM\_028349) Mouse Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Sass6 (NM_028349) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Sass6
Synonyms:	2810453L12Rik
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**Fully Sequenced ORF:** >MC220186 representing NM\_028349  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGCATCGCC**

ATGAGTCAAGTTCTGTTCCAGCAGCTTGTTCCTTGCTAGTGAATGCAAAGACTGCGAGGAGAGGAGAG  
 GGAGCGTTAGAGTGAGCATTGAGCTGCAGTCCCTTTCGAATCCAGTACACAGGAAGGATTTAGTCATCCG  
 TCTGACTGATGATACAGATCCGTTTTTCTGTATAACCTTGTTATATCTGAGGAAGATTTCAAAGTTTA  
 AAATTGCAGCAAGGTCTCCTGGTGGACTTCTAGCTTTCCACAGAAGTTTATAGACCTCCTTCAGCAGT  
 GTATGCAAGAACCGGAAAGAGACTCCAAGTTCTGCTGCAGCTTCTTTCTTCAGCCACTTTTTGGA  
 GAACTCACCGTCTTTAAACGTAGTGGAGACAAATCCTTTAAGCATCTTATTCACCTGTCACTAAAG  
 CTTTTACCTGGAAATGATGTAGAAATAAGAAATTTCTAGCAGGATGTTGAAATGTAGCAAGGAAGAAA  
 AATTATCACTGACTAGATCACTAGATGATGTTACCAGGCAACTGCACATTACACAAGAGACGTTGTCGGA  
 AAAAATGCAAGAATTAGATAAGCTGCGGAGTGAATGGGCCTCGCACACAGCATCGCTGACGAATAAGCAC  
 TCTCAGGAGTTAACAGCTGAGAAGGAGAAGGCCTTGCAGACCCAAGTTCAGTGCCAACAGCAGCAGCAGC  
 AACAGAAAAGGAACTGGAAACCTCCATCAACGGAATATCCACCAGCTACAAAGCAGATTGTCCGAGTT  
 AGAGGCAGCTAATAAGAGCTCACCGAGAGGAAGTATAAGGAGACTCGACTGTCCGAGAGCTAAAGGCG  
 AAGCTGGCTGGCGTGAAGAGGAGCTGCAGCGGCCAAGCAAGAGGTCTTTCTCTGAGAAGAGAGAATT  
 GTACTCTGGATACTGAATGCCACGAGAAAAGAAAGCACATCAACCAGCTACAAACAAAAGTGGCCGTTTT  
 AGAACAGGAGATCAAAGATAAAGACCAGCTTGTCTGAGAACAAAAGAAGCATTCGATACAATCCAAGAG  
 CAAAAGGTGGCTTTAGAAGAAAATGGTGAGAAAAATCAGATACAACCTGGGAAAACCTGAAGCTACAATA  
 AATCATTATCAGCAGAATTCTAAAGGCAATGAGATCATCAAGAAGTTACAAGGAGATCTTAAAACCTCT  
 GATGGGTAATGAAACTGAAGAATAACAGTTACTATTACGAAGAAAACCTATTGGCTGAGAAAAGAAGAA  
 ATGCTACAAAAGGAGCGAAAGGAATCACAGGACGCTGGGCAGTTTCTTCGTGCCAAAAGAGCAAGAGGTAT  
 GCAGATTACAGGAACAATTAGAACTACAGTTCAGAAAACCTCGAAGAAAAGTAAACAACCTTTGAAAAATA  
 TGAAAAATTAATCACGTGGCTAAACAAAGAGCTAAATGAAAATCAGCTGGTAAGAAAACAGGACACATTG  
 GGAACCTCTGCCACCCACATTCTACTAGCAACAGCACCATCAGAAGTGGGCTCTCTCCCAATCTGAATG  
 TGGTTGATAGACTAAATTACCAAGCTGTGGAATTGGCTATCCTGTCTCCTCTGCATTGACATTCCAGAA  
 TGCTTTTCTCATGTAGTAGCTGCCAAAACACCAGCCACCCTATCTCTGGACCAAGGTTCACTTTAAC  
 CTGCAGCTTACAAAACCAAGCGTTCGATAGATGGGCAGCCGGGACCGCTGTTAACAGGCCTTGTTCAA  
 ATGATAAGGAAAATGGTGAACCTTAGGATTGGAATCCAATACTTGAAGAGAAGAGAAGCTAGCATTCC  
 TTTACGGGACTTAGCCAGAATCTGTTGAGTGACTCAGACCATCAGAAAAGACGGCATGCTGGGAGCGTTC  
 CAGCTATCTTCCAAACCCACCGTTCTCCCTCCTCGTCTTCAGCCTACTCCCTGGGCAGTTACCAAGTA  
 GT**TAA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** Sgfl-MluI

**ACCN:** NM\_028349

**Insert Size:** 1965 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\\_028349.3](#), [NP\\_082625.2](#)

**RefSeq Size:** 4309 bp

**RefSeq ORF:** 1965 bp

**Locus ID:** 72776

**UniProt ID:** [Q80UK7](#)

**Cytogenetics:** 3 G1

**Gene Summary:** Central scaffolding component of the centrioles ensuring their 9-fold symmetry. Required for centrosome biogenesis and duplication: required both for mother-centriole-dependent centriole duplication and deuterosome-dependent centriole amplification in multiciliated cells (PubMed:24240477). Required for the recruitment of STIL to the procentriole and for STIL-mediated centriole amplification (By similarity).[UniProtKB/Swiss-Prot Function]  
Transcript Variant: This variant (1) encodes the longest isoform (1). 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.