

## Product datasheet for **MC216537**

### Saal1 (NM\_030233) Mouse Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Saal1 (NM_030233) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Saal1
Synonyms:	5031425D22Rik; SPACIA1
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**Fully Sequenced ORF:** >MC216537 representing NM\_030233  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGGATCGAAACCCGTCTCTCCGCCCTACCTGTGGTTCGGAGGATGAAGAGGACCTGGGTGGGGGAG  
 ACCGCATCGGGAGCACGGTCTACAGCAAGCACTGGCTCTTCGGCGTCTCAGCGGCTCATCCAGATTGT  
 CACACCTGAAAGTGGCACATCTGGCTCAGCTGATGAGGAAGAACAGGCAGATCTTGCTGAAGAAATGGAG  
 AATGAGATTTGCAGAGTCTGGGATATGTCCATGGACGAGGATGTGGCTTTATTTCTCAAGAATTTAAGG  
 CTCCTGACATATTCATGGGAGTCTGGCCAAATCCCCGTGTCCCGATTAAGAGAAATCTGTGTGGGAAT  
 TTTAGGGAATATGGCTTTTCCGGGAGATATGCGAGTCCATCAGCAAGAACGAGGATCATGGGCAGGTG  
 CTGCTGCAGTGTGTGTGACTCAGACCCACCCACCTGCTGGAACTTGCAGGTGTGGCTTACTTGCC  
 TTTCCAGACAGAAGTGGCCAGTGTCTGGTTAGAAGGATCCGGGAACACCCATCTGTCTACGCTAACGT  
 TTGCTTCATCATGTCCAGTTCAACAAACGTTGACTTGCTGGTGAAGGTCGGGGAGGTCGTGGACAACTC  
 TTTGACTTAGATGAAAACTCATGTTGGAATGGATTAGAAAGGGGGCTACCCGGCTTCCAGGCCAACCC  
 ACGAGGACTCTGAAGAGCAGCCAGTGTTCATTGTACCTGTGTGCTGGAAGCTGCCAAACAAGTGCG  
 CTCTGAAAACCTGGAGGGGCTGGATGTTTACATGCGCATCTTACAGCTGCTCACCACGGTGGATGACGGC  
 GTGCAAGCCATCGTGCAGTGTCTGATACTGGAACGACACGTTGGCGTTACTCTTTGACCTGGTGTGCC  
 ATGAATTCGCCAGCCTGATGACCCGCCTGTACTGTCAGGAACAGAAGACAGTGTAGCGTCTGTCTT  
 CTCAGTGTGTGACCCATCAGTGCCACCGGGCCGAACAGGAGCACCTGAAGATAGAAGAAGGGGATCTT  
 CCTCTAATTGACAGCCTAATTCGGGTATTACAAAATATGGAACATTGTGAGAAGAAACAGAGAACCCT  
 CAGAGCTGATACAGAAGAGCCTACGACTGTGGTCCCACCCAAGACGACTTCCATATGAAGATCTTGAA  
 GGACATTTTCATGTGAATTCCTTTCTAATATTTTTCAGGTGTTAAACAAAGGAAAAGGTGGCTCAGGGACTG  
 AAGGAGGGCCAGTTAAGCAAGCAGAAGTCTCCTGCGCCTTTCAGAGCCTCCTGCCCTCTACGGCCCTG  
 CAGTGGAAAGACTTCGTTAAAGTCGTACGTGAGGTCGATGAGGCTCTTGCTGATGACCTAGAAGACAGCTT  
 CCCAAGTGTGAAGGCACAGACT**TAA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI

**ACCN:** NM\_030233

**Insert Size:** 1425 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\\_030233.1](#), [NP\\_084509.1](#)  
RefSeq Size: 4699 bp  
RefSeq ORF: 1425 bp  
Locus ID: 78935  
UniProt ID: [Q9D2C2](#)  
Cytogenetics: 7 B3  
Gene Summary: Plays a role in promoting the proliferation of synovial fibroblasts in response to proinflammatory stimuli.[UniProtKB/Swiss-Prot Function]