

## Product datasheet for MC211261

### Suds3 (NM\_178622) Mouse Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Suds3 (NM_178622) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Suds3
Synonyms:	2400003N08Rik; 2410008L21Rik; AU067672; mSds3
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>MC211261 representing NM_178622 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGAGCGCCGGGGCTGCTGGCTCCGGCGCCGGCTCCGGCTGCAGCGCCGGCCCGGGAGTACTACC  
CGGAGGACGAGGAGGAGTTGGAGAGCGCCGAGGACGACGAGCGCAGCTGCCGGGGCCGAGAGTCCGACGA  
AGACACCGAGGATGCCAGCGAGACTGACCTGGCGAAGCAGATGAGGAAGACTACGTGGAGATGAAGGAA  
CAGATGTATCAGGACAACTGGCATCTTTGAAGAGGCAGCTGCAACAGCTTCAGGAAGGTACGCTCCAGG  
AATATCAGAAACGGATGAAGAACTGGACCAGCAGTACCAGAGCGGATCCGGAATGCAGAGCTCTTCCT  
CCAGCTGGAAACGGAACAGGTGGAGAGGAATTACATTAAGAGAAGAAGCGGCCGTGAAGGAGTTTGAA  
GACAAGAAGTGGAGCTGAAGGAGAACCTGATTGCCGAGCTGGAGGAGAAGAAGAAGATGATCGAGAACG  
AGAAACTACCATGGAGCTGACTGGAGATTCTATGGAAGTGAACCCATCATGACCAGAAAATTGCGGAG  
GCGACCAAACGATCCTGTCCCCATTCCAGACAAGAGGAGAAAACCGGCTCCTGCTCAGCTGAACTACTTG  
CTAACAGACGAGCAGATCATGGAGGACCTGAGGACGCTGAACAAGCTTAAGTCACCCAAGAGACCAGCTT  
CCCCATCCTCTCCTGAACACTTGCTGCCACACCTGCAGAGTCTCCAGCCAGAGGTTTGAGGCTCGGAT  
AGAAGATGGCAAACCTGTACTATGATAAGAGATGGTACCACAAGAGCCAGGCCATCTACCTGGAATCTAAG  
GACAACCAAGCTGAGCTGTGTATCAGCTCAGTGGGAGCCAACGAGATCTGGGTGAGGAGACCAGCG  
ACAGCACAAGATGCGGATCTACGTGGCCAGCTGCAGCGTGGGCTCTTCTGTGATCCGCCGCGGTACG  
GGCTGA

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI



[View online »](#)

<b>ACCN:</b>	NM_178622
<b>Insert Size:</b>	987 bp
<b>OTI Disclaimer:</b>	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).
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<a href="#">NM_178622.5</a> , <a href="#">NP_848737.3</a>
<b>RefSeq Size:</b>	2422 bp
<b>RefSeq ORF:</b>	987 bp
<b>Locus ID:</b>	71954
<b>UniProt ID:</b>	<a href="#">Q8BR65</a>
<b>Cytogenetics:</b>	5 F
<b>Gene Summary:</b>	<p>Regulatory protein which represses transcription and augments histone deacetylase activity of HDAC1. May have a potential role in tumor suppressor pathways through regulation of apoptosis. May function in the assembly and/or enzymatic activity of the mSin3A corepressor complex or in mediating interactions between the complex and other regulatory complexes (By similarity).[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (1) differs in the 3' coding region and the 3' UTR, compared to variant 2. It encodes isoform a, which has a shorter and distinct C-terminus, compared to isoform b.</p>