

## Product datasheet for **MC221240**

### Syde1 (NM\_027875) Mouse Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Syde1 (NM_027875) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Syde1
Synonyms:	1200008N06Rik; BB043000; mSYD1A
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**Fully Sequenced ORF:** >MC221240 representing NM\_027875  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGGCCGAGCCGCTGCTCAGGAAGACCTTCTCCCGCTGCGGGGTCGTGAGAACTTCTCGAAAAAGT  
 CAGAAGCCAAGGACCGCGCCACCCAGCCAGCGCTCAGAGCCAAACCCCAAGAACAGAACCTCGTGT  
 CCTTGAAGGGTCTCAGGCTGGAGCAGAGGTACCCAGCCCGAGACACCTCGAAGCCCCACTCGGGG  
 GCCTACCTGCAAAGCCTGGAGCCAGTAGCCGCGATGGGTGCTAGGAGGGGCTAAACCACCAGAGGAGA  
 TCTCTTTGGGGCTAGGACACCTAGCAGTGGGAGCCTGCTGGTGAATTTGGTACAACCCATCCCTGA  
 AGAAGACCCAGACCACCCGCACCTGAGCCCTGGGATCACAGCTAGCTTCTCTGAGCCAGAAGGCCCC  
 AACATCCAAGGTGCAGCCCTACCAGCCCCCTACAAAACCTCCCGTACCAAGTCCCCAGGCCCTGCCA  
 GCGCCTCTCAATGAAGATGAAAAAGTCCAGAGCTCCGGCGCCGCTAAGCCTAAGAAGTACTCGCAC  
 AGGCCGGGATAGAGAGAGACCAGCCAGCAGGCTCTGTCATCAGCCGCTACACCTGGACAGCAGTGTG  
 GGGACTCTGGGAGGCATCAGTGGCTGGAGGGTCTAGGAGCCAAAGGGTGGGTACCTCAGCGATGGTG  
 ATTCGCTGAGCGTCTGGAGGACCACCATCACCCACTGCCTTCCGGCCCTATGAAGTGGGTCCATCGGC  
 CCGACTCCTCCAGCTGCCCTCTGGGGCGTCTCAGCCTGCACCTGTATGGGCTAGGGGGTCTGCGACCA  
 AGTCCCGGGGCTACTCCACGAGATCTCTGCTGCCTTCTCCAAGTGGATGGGGTAGCTCGGGCCCGCACAG  
 GGCCACTTCGAAGCGGACCAGACTTCTGAGGCTGGACCACACCTTCCACCTAGAGCTGGAGGCTGCTCG  
 TCTGCTGCGGGCCTTGGTACTTGCATGGGACCTGGTGTGAGGCGCACCGGCCCTGTGCCAGGGCACT  
 GTGCTATTGCCAACCATCTTTCGAGGGTGCCAAGCGCAACAACCTGGCCGTTGACTTGAACCCAGGGAC  
 TTCTTTACGCCAAGCTAACATTGTGGAACAGCAAGAAGCCCTGCCACAGCAGAGCCCGTGTTCGG  
 GCTCCCTCTGCAGCTTCTGGTAGAACGTGAGCAGTCCCCAGGCCAGGTGCCTCTCATCATCCGAAAGTGT  
 GTGGGGCAGATCGAATGCCGAGGGCTGCGGGTAGTGGGGCTGTACCGTCTGTGTGGCTCAGCAGCAGTGA  
 AGAAAGAGCTTCGAGATGCCTTTGAGCAGGACAGTGCGGCTGTGTGCCTCTCTGAAGATGTGACCTTGA  
 TATCAATGTATCACAGGCATCCTCAAGGATTATCTTCGAGAAGTGCCTACTCCACTCATACCCAGCCC  
 CTCTACCAGTGGTGTGGAAGCCATGGCCCAAGGACACCCAAGCAGGGCTTCCCTGGGTCTGAGGGCA  
 CCAGAGGGCTCCTCAGATGCCTGCCAGATGTGGAGAGGGCCACCCTGACGCTTCTTGGACCATCTGCG  
 CCTTGTCTTTCCTTCCACACCCACAACCCGATGACCCCGCAGAAGTGGCAGTGTGCTTCGGACCAGTG  
 TTGCTACCAGCGAGACAAACACCTCTCGGCCCGGCTCCGTAGCTCTGGCCAGGAGTACCAGTGTG  
 TGGACTTCAAGGCCACATTGAAGTCTGCATTACCTGTTACAGTCTTGCCAGATACCAGACGGCCCTC  
 AGATACCCAGATGGCGCAGTCGCACCGTATTTGAGGCCAAAAGACAGCCACCTCTGCATTGGCCGCTG  
 GCGGGCCAGAAGTGGTACTCGGCCTCGGGGCGCGGAGGCCCGAAAGTCCCCAAGCAACCGTATG  
 CAGGCGACTGGAGTGTGTGCGGAGGCGATTTACTGCCCTGTGGGCGGGACTTCTGTCCGGGCTGACTA  
 TGACCATGTGACAGGCAGCGACAGTGAAGAGATGATGATGAGACTGGAGAGCCGAGGGGCACTACCGAC  
 TTCGAAGATGAGTTTGTGCACCTTCAACCCACACCTGAATCTCAAAGACTTTGATGCCCTCATCTGG  
 ATCTGGAGAGAGAACTCTCCAAGCAGATCAATGTGTGCCT**TGA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI  
**ACCN:** NM\_027875  
**Insert Size:** 2214 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).

<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>	<u>NM_027875.1, NP_082151.1</u>
<b>RefSeq Size:</b>	3288 bp
<b>RefSeq ORF:</b>	2214 bp
<b>Locus ID:</b>	71709
<b>Cytogenetics:</b>	10 C1