

## Product datasheet for **MC220535**

### **Sdad1 (NM\_172713) Mouse Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Sdad1 (NM_172713) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Sdad1
Synonyms:	4931421J16; AA591032; AW538460
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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**Fully Sequenced ORF:** >MC220535 representing NM\_172713  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**GCGATCGCC**

ATGTCCGGCAGGAACAACAACAGCTGCCAGCAACCTGCCGAGTTACAGAACCTGATCAAGCGGGACC  
 CGCCGGCCTACGTGGAGGAGTTCCTTCAGCAATAAACCCTATAAATCCAATATGGAGATTTTCAAGTT  
 ACAACCAATAAGCCAGCAAAGAGCTGGCAGAGCTGGTATGTTTCATGGCGCAGATTGGCCAGTGTAC  
 CCGGAGCATCTCAGTAACCTCCCGCAGGAGCTGAAGGACCTGCTCTCCTACAACCACACTGTCTTAGACC  
 CAGATCTCCGCATGACGTTTTGCAAAGCCTTGATCTTACTGAGAAAACAAGAATTCATCAATCCATCAAG  
 TTTGCTAGAGCTTCTTTGAGCTGCTGCGCTGCCACGACAAGCTCCTGCGGAAGACTCTGTACACACAC  
 ATTGTGACTGACATCAAGAACATCAACGCCAAACACAAGAACAACAAGTGAACGTGGTGTGCAGAACT  
 TCATGTACACCATGTTGAGAGACAGCAATGCAACCGCAGCCAAGATGTCCTTGGATGTGATGATCGAACT  
 CTACAGAAGGAACATCTGGAATGATGCCAAAAGTCAATGTTATCACAACCTGCGTGTCTTCCAAGATC  
 ACCAAGATATTGGTTGCTGCTTTGACGTTCTTCTTGGGAAAGATGAGGAAGAGAAGCAGGACAGTGACT  
 CAGAATCCGAGGAGGATGGGCCACAGCGAGAGACCTGCTGGTGCAGTATGCCACGGGAAAGAAAGGCTC  
 CAAAAACAAGAAGAGCTGGAAAAGCGATGAAAGTGCTGAAGAAGCAAAAGAAGAAGAAACCAGAA  
 GTGTTAACTTTTCAGCTATTCACTTGATTCATGATCCCCAAGACTTCGCAGAGAAGCTTCTGAAGCAGC  
 TGGAGAGCTGAAGGAGCGGTTTGGAGTGAAGATGATGCTCATGAACCTCATCTCCAGATTGGTGGGCAT  
 TCACGAGCTTTTCTTCAACTTCTACCTTTTGTGCAAAGTTTCTGCAGCCCCACAGAGAGAAGTC  
 ACGAAGATCCTTCTGTTGCTGCACAAGCCTCTCATCACCTGGTGCAGGAGGATATTTCAGTCGTTGC  
 TTGTGACGGTGGCCAACAATTTTGTACTGACAAGAAGTCTGGGGAAGTCATGACCGTAGGGATCAATGC  
 TATAAAAGAGATCACAGCTCGATGTCCTCTGGCCATGACTGAAGAGCTTCTCCAGGACCTGGCTCAGTAT  
 AAGACACACAAAGATAAGAATGTGATGATGCTGCCAGGACTTTGATCCATCTTCCGGACATTGAACC  
 CTCAGATGCTGCAGAAGAAGTCCGGGGTAAACCCACTGAAGCCTCCATCGAAGCAAGAATAACAAGAATA  
 TGGAGAATTAGATGCTAAAGATTACATCCAGGAGCAGAGGTTCTAGAGCTTGAGAAGGGAGATAATACA  
 GAAGATGATGAAGATGGATGGGAAAGCGCCAGCCTCAGTGAGGAGGAGGAAGAGGATGGTGAAGGGTTG  
 ACGTGCACCCTTCTGATGAGGAGCAGCAAGCAATTGCCACGAAGCTGGACAGCATGCCATGGAGGA  
 GCGGAAAGCCAAGGCTGCAGCCATCAGCACCAGTCGAGTTTTAACGCAGGATGACTTCCAGAAAATCCGC  
 ATGGCCCAGATGAAGAAGGAAATGGATGCTGCTCCGGGAAAGCCAGAAAAGGAAATCTTAGAAATTG  
 ACAGTGACGAGGAGTCCAGGGGTGAATTGCTGTCTTCCGGGACATTGAACGCCTTCATAAAAAGCCCAA  
 GTCTGACAAGGAAACGAGACTAGCAACTGCAATGGCTGGAAGGACAGACCAGAAAGGAGTTTGTGAGGAAG  
 AAAACCAAAATAAACCCATTTTCCAGTTCACAAAACAAGAGAAGAAAAGCAGAAGAAGCTTTATGATGA  
 TGCGGTATAGCCAGAATGTCGGTCAAAAACAGCACGGTCTTCCGGGAGAAGCAGCTAGCACTACGAGA  
 TGCACCTTCTGAAAAGAGGAAAAGAATGAAG**TAA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM\_172713
- Insert Size:** 2064 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\\_172713.2](#), [NP\\_766301.1](#)

**RefSeq Size:** 5020 bp

**RefSeq ORF:** 2064 bp

**Locus ID:** 231452

**UniProt ID:** [Q80UZ2](#)

**Cytogenetics:** 5 E2

**Gene Summary:** Required for 60S pre-ribosomal subunits export to the cytoplasm.[UniProtKB/Swiss-Prot Function]