

## Product datasheet for **MC228495**

### **Samd15 (NM\_001290288) Mouse Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Samd15 (NM_001290288) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Samd15
Synonyms:	Gm263
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**Fully Sequenced ORF:** >MC228495 representing NM\_001290288  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGCTGAAGTCTCAGGAGATTATAATTCTGACTCCGATGAGAGTCTGAGTCTGCAGCCTAAAAGAACCA  
 AATCTGGTAAATTACATAATGCTAACGCAGACACCTTGTTTGGAGTAAGCTCTAAGCTGTCCCAAATAC  
 TGACCGAGACCCAGGAAATGTAGGAAATGTGCCACTAGAGCCAACCAGGACACGCAAGGGGATTTGGTG  
 CCCGTAGGTAAAAATCATGAGGTGCCAGACCTACAACGACAGGACGTTTCAGTAGGTGTGTTCAAAGGAC  
 CACCTACAAGAACAGGTACACAGCTACCAACAAAAATAGATCCAGAGCAGAAGACACCAGATATTCGAAG  
 TGAAAACTAAGAAAATCAGTTGAAGAGGAAGCTCTACCTCCATCCAAGATGACCAAAATCGGAAAAGAAA  
 CAAAAAGAGTCAATTAAGAAAAAGTACAGAGCCATATGAGGTAACCTAACCTAAGTCCAGACCCGGA  
 AGCTAAGGAAGTCTACTGAGGAAGCAGATCTCAAACCTCACTTCAAGTCCACAGAGCAGTCAGGCACAGA  
 GCAACCTGAGCAGACTAAGTCCAGACAAAACTAAGACAGTCAACTAAAAGAAAGTCTCAGGGCCA  
 CTGGAGGATTTTGAAGAAGAATCAAGAAGACCCATTGATGAAGCAAGTCTAGAATCTCACAAAAGAGAC  
 CATTAAAGGCTTCAAAGAAAGCACAAAAAGCTCTTTTGTGAAAAATTTCCAGAGATGCTAGAACAGAT  
 TACTGTAGAACTACTAGATGACCAAGAGGAGACACAAGAAGAGTCCATTAAGGAGAAAAGTCCAGAACCA  
 TTAGGGGACCCGAAACCATCAGCTCAAAAGCACAAAGCTGAGAAAAATCAAGTGAAGGTCTAAATTAAGG  
 ACACATTAATAGAGCCAAGTAAGGACAAGGACCCGGGGCTACAAACACAGACTGAATTTCCAAAGGAGAA  
 ACTAATAAAGACAACGGAGAAAACGGGTGACAAGCCACAGCAGATAACTGATCCAGACATTAAGAGAAG  
 TCGCAGCCAGAACCAACCGAGAAAAATCTAGAGTTACCAATAAACCCAAGCCAGAAGAGGAGAGAGACC  
 TCCCAAGGAAGACAAACCAGAATCAAGCAAACCTAATTATCCTGCAGGCAAAGATAAGCTAGCATTACC  
 AGCCAAGATTAACCTGAGTTTATAGTAGGATCTCCTAGAGAAAAGCGTAGAGTCTTTCAGTACATTGTAC  
 GAAACCCAGGAGTTCCTCAAAGACCTTCAGACTGACATGAACGAAGTGTCCCAATCGTTGATGTTTCAG  
 AGTCTCAGACAGAACTGAGGGATTCTACAGTGTACCCAGGAGGTGGAGCTACTAGGACGTAAGAAAAC  
 CAAGCCAAGTCTTACCCAGAGTTTGGAGTCTTACCTGGAGCCAGAAAGGGTTGCAGAGTGGATTAGT  
 GATCTAGGCTTCCCTCAATACAAGGAGTGTCTTACTGAAAACCTCATCAATGGTCAAAAACCTATCCACG  
 TAAACTGCTCAAACCTTCCCTCAGATGGGAATAACTGATTTTGAAGACATGAAGGCAATATCGTACCACAC  
 CCGAGTGTGCTGGGGATCGAGGAGCCACTGTTACGCCGAGCATCAGCCTTCCCTACAGAGACAACAAG  
 GGCTTGTCTTTGAGCAGAAAGGGCACAGTGGAGTAAAGTCTGATTCCTTGACCTTGGCAAATTTGTTG  
 AAGCAGCAGGATTACAGGAGTATAATCCAGAGATAAAAGCTGAGGAAAAGAAAGAAGACGCACTGCCAGA  
 AAACAGCTTGAAGAAAATGAGGAACTCTATGAGGCCACT**TAA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM\_001290288
- Insert Size:** 1863 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).
- OTI Annotation:** Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
- 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\\_001290288.1](#), [NP\\_001277217.1](#)

**RefSeq Size:** 2028 bp

**RefSeq ORF:** 1863 bp

**Locus ID:** 238333

**UniProt ID:** [F6XZ17](#)

**Cytogenetics:** 12 D2