

## Product datasheet for **RN207055**

### **Sestd1 (NM\_001134514) Rat Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Sestd1 (NM_001134514) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Sestd1
Synonyms:	RGD1562244
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**Fully Sequenced ORF:** >RN207055 representing NM\_001134514  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGGAGGCTCGGTGATATTGCCATCCTGAAGAAGAAGCTGGCCTTCTTTTCAGGAGAAAGGACAGAC  
 GCAGTGGACTCATCTTGACAATTCATTATGCCTTGAACAGACAAATATGGATGAGCTGAGTGTCACTCT  
 GGACTATCTACTCAGCATTCCAAGTGAGAAATGTAAAGCCAGAGGATTCCTGTGATCGTGGACGGCAGG  
 AAGTCTCAATGGAACGTGGTGAAGACAGTGGTCTAATGCTGCAGAACGTTGTTCCAGCTGAGGTATCCC  
 TTGTTTGTGAGTGAAGCCAGATGAATTCTGGGATAAGAAAGTAACACATTTTTGTTTTGGAAAGAAAA  
 GGATAGACTTGGCTTTGAGGTTATTTAGTGTCTGCCAATAAGCTGACTCGATACATAGAGCCCTGCCAG  
 TTGACAGAAGACTTTGGTGGGAGTCTCACCTACGATCACATGGACTGGCTAAATAAGAGGCTGGTCTTTG  
 AGAAGTTTACAAAGGAGTCTACATCATTGCTAGATGAAGTCTGCTGATTAACAATGGAAGTGACAAGGG  
 GAATGAGCAGGAGAAGGAAAGGTCGGTGGATTTAACTTTCTCCATCTGTTGATCCTGAGACAGTCTCT  
 CAGACAGGGCATGAGTTGTTATCTGAATTACAGCAGCGTCGATTTAATGGCTCTGATGGAGGGGTCTCCT  
 GGTCTCCTATGGATGACGAAGTCTCGCACAGCCACAGGTTATGAAGTTGTTAGACTCACTCCGGGAGCA  
 GTATACGCGCTACCAGGAGGTCTGCAGGCAGCGCAGTAAGCGCACACAGTTAGAGGAGATCCAGCAGAAG  
 GTGATGCAGGTTGTGAAGTGGCTTGAAGGGCTGGGTCTGAGCAACTGAGAGCACAGTGGGGCATTGGTG  
 ACTCCATCAGGGCATCCCAGGCCCTGCAACAGAAGCATGAGGAGATCGAGAGCCAGCACAGTGAAGTGGT  
 TGCAGTGTACGTGGAGCTCAACCAACAGATCGCAGCGCTCCTGAATGCCGGAGATGAGGAAGACCTTGTG  
 GAGTTGAAGTCCCTGCAGCAGCAGCTCAGCGACGCTGCTACCGGCAGGCCAGCCAGCTAGAATTTAGGC  
 AGAACCTCCTGCAGGCAGCTTTGGAGTTTCATGGTGTGGCCCAAGATTTGCTCAGCAGTTGGACGGCTT  
 ATTAGGGATGTTGTGCGTAGACGTAGCACCAGCTGATGGAGCATCGATTACGAAACTTTAAACTGCTT  
 GAAGAGAAGCTGAAAAGTGTGATGTGGGATTGCAAGGCTTACGAGAAAAAGGTCAAGGTCTCCTGGATC  
 AGATCTCCAATCAGGCTTCTGGCCTATGAAAAGGATGTAACAATTGAGAATAAAGAAAACGTGGACCA  
 CATACAAGGAGTATGGAAGATATGCAACTTAGGAAACAAAGATGTGAGGACATGGTAGACGTGCGGAGG  
 CTGAAGATGCTTCAGATGGTGCAGTTGTTAAATGCGAAGAGGATGCTTCACAGGCAGTAGAATGGCTAA  
 GTGAAGTCTGGATGCCCTGTTGAAGACCCATATCAGATTGGGTGATGATGCTCAGGAAACAAAGTTTTT  
 ACTGAAAAACACAGAAAATTTGGATGTTGCACAGAGCACTTACGACTATGGCAGACAGCTGCTGCAG  
 GCCACAGTTGTGCTGTGCCAGTCTCTGCGCTGACTTCCCGATCCTCAGGGGACACGCTTCTCAGCTGA  
 ACAGAGTGTGGAAGCAGTTCACGGTAGCCTCTGAAGAGAGAGTGCACAGTTGGAATGGCTATTGCCTT  
 CCACTCGAATGCTGAAAAGATTTTGAAGATTGCCAGAGAGCCTGAAGCAATGAACGATGAGGAGCAG  
 TTTGAGGAAATGGAAGCAATTGAAAAATCACTTCTGGATAGACTCACTATCCCCGTGTTTTACCCGGATG  
 GAACTGAACAATTTTTGGAAGTCCAAGTGACATGGCTTCTACTGCAGAGCACATCAGAGACAGAATGAA  
 ACTGGTCAGTCTCAAAGGCAGCAGCTGAGACATCCTGAAATGGTGACCACGGAGAGTAA

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** Sgfl-Mlul  
**ACCN:** NM\_001134514  
**Insert Size:** 2091 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_001134514.2, NP_001127986.2</u>
<b>RefSeq Size:</b>	2772 bp
<b>RefSeq ORF:</b>	2091 bp
<b>Locus ID:</b>	295678
<b>Cytogenetics:</b>	3q24