

## Product datasheet for RN204184

### Siva1 (NM\_001100982) Rat Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Siva1 (NM\_001100982) Rat Untagged Clone  
**Tag:** Tag Free  
**Symbol:** Siva1  
**Synonyms:** Siva  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**Cell Selection:** Neomycin  
**Fully Sequenced ORF:** >RN204184 representing NM\_001100982  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGCCAAGCGGAGCTGCCCGTTCACGGATGCTGCCCGCTTCAACTCAAAGTCCACGTGAGCCCGAGAG  
 AGCTGAGCCACGGTGTGTTGCGCGAGCGCTACTCGCGGAGGTCTTCGAAAGAACCAAGCAGCTCCTTTT  
 CCAAGGGGCCAGGCCTATAGAGATCACATCTGGGGTGAAGGTTGTTCCATCAACCACCTGCCGGAGCCA  
 CTAAGCCTGGTCTGGTGGGAGCCCTCAAGCTGCAAGGGGACAGATGTTGATTGGACCTGATGGCCGAC  
 TGACACGGTGCCAAGCTCAGGCCTCGGAAGCTGGCCTTCCCGGGGACAGCCCATTTGCTTGTTCATCCTG  
 CGTGAGATCTGTGGATGGAAAGCGGTCTGCAGCCAGTGTGAGCGGGCCCTGTGTGGCAGTGTGTGTAC  
 ACCTGCTGGGGCTGTGGTGCCTTGGCCTGTGTGCTGTGTGGCCTGGCAGAG**TGA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** Sgfl-MluI  
**ACCN:** NM\_001100982  
**Insert Size:** 474 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).



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<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_001100982.1</u> , <u>NP_001094452.1</u>
<b>RefSeq Size:</b>	1709 bp
<b>RefSeq ORF:</b>	474 bp
<b>Locus ID:</b>	362791
<b>Cytogenetics:</b>	6q32
<b>Gene Summary:</b>	Induces CD27-mediated apoptosis. Inhibits BCL2L1 isoform Bcl-x(L) anti-apoptotic activity. Inhibits activation of NF-kappa-B and promotes T-cell receptor-mediated apoptosis (By similarity).[UniProtKB/Swiss-Prot Function]