

## Product datasheet for **MC227491**

### Shisa8 (NM\_001207021) Mouse Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Shisa8 (NM\_001207021) Mouse Untagged Clone  
**Tag:** Tag Free  
**Symbol:** Shisa8  
**Synonyms:** ckamp39; Orf26  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**Cell Selection:** Neomycin  
**Fully Sequenced ORF:** >MC227491 representing NM\_001207021  
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGGATCGC**C

ATGGAGCGCGCTGGGGCGGGGACAGCGCTGTGGCCGGCGCTCGCATGGGCTCCCGCTCGCACTCCGAC  
TGGCGTCTGCTGGCAGGGTCGCCGTCGGGCCGCGGGGGCTCCCGAGGAGCAGGAGATCGCAGGGTC  
CGGTACCGTGGCACCAGGGGAGGCGACCGCTGCCGCGGCTATTACGACGTGATGGCCAGTGGGACCCG  
CCCTTCAACTGCAGCTCGGGCGTCTACAGCTTCTGCTGCGGCACGTGCGGCTACCGCTTCTGTTGCCACG  
ACGGCCCGCGCCCGCTGGACCAGAGCCGCTGCTCCAACACTACGACACACCGGCCTGGGTGCAGACTGGCCG  
GCCGCCGCCCGCGCCCGTGACACCGCCGCCCGCGCACCCGGCCCGGGAGCGCAGCCACACTGCGGTC  
TACGCGGTGTGCGGTGTGCGCGCTCTACTCGTGTGGTCGGCATCGGGCGCGCCTGGGCTGGAGAGAG  
CGCACAGCCCCGCGCTCGGCGCACGGTGACCAGGACTGACAGAACTTCTCAAGCAGCCAGGTCCCA  
AGAACCCTGCTCCGCTCTGGGTCCACCCTTGGGTAAGTGCCTCCAGGTACAAATGGGTGACGGTGT  
CTCCGGGGTCCCCCACAAACAGCACAGACAAGAAACGCCTCAATAATGCGCCTCTGGGTCCGCCACAC  
CGGGACCCCGCGCGCCGAGGCTGACGGTGGTGGCAGCTGACGTTGCAGCCTGACTATGCCAAGT  
CGTACCCTCAAAGCAGCTGCGCTCAAGGCTACAGAGTTGCACCCAGGACTTCTAAGCTTTTCCC  
TCTACGGAGACGGGCCCGCGGACCTCCCTGCGCGGGTCCCGCGCCTCCGGAGGACTTGCTGCGTTGC  
TCGACGCTGTCCCTGGGCCCTCCGGTTACGTACCTCCGGCCGGTCTGTCTCGTCCGTCCCTTATGC  
CGCCTGGACCGGGCCGCCCGCGAGGCGCTCCCCGTAGCCACTTGGTGGCTCAGGTCTCCCCAGCT  
CCCCGGCGGCCAACACGCGCCACGGCCAGTTACGCGTGGAGAAGCTGCCGAGGCTTACAGCGCG  
AGCAGGCGAGCTTTTACAGCAGCGGGCAGAGGACCCCGCACCTGAGCACCAACAGCAAAGCCGAGGT  
CACGGT**CAG**

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA



<b>Restriction Sites:</b>	Sgfl-Mlul
<b>ACCN:</b>	NM_001207021
<b>Insert Size:</b>	1200 bp
<b>OTI Disclaimer:</b>	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>OTI Annotation:</b>	Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
<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><a href="#">NM_001207021.1</a></u> , <u><a href="#">NP_001193950.1</a></u>
<b>RefSeq Size:</b>	1804 bp
<b>RefSeq ORF:</b>	1200 bp
<b>Locus ID:</b>	435145
<b>UniProt ID:</b>	<u><a href="#">J3QNX5</a></u>
<b>Cytogenetics:</b>	15 E1
<b>Gene Summary:</b>	May regulate trafficking and current kinetics of AMPA-type glutamate receptor (AMPA) at synapses.[UniProtKB/Swiss-Prot Function]