

## Product datasheet for SC335855

### SHISA8 (NM\_001207020) Human Untagged Clone

#### Product data:

|                           |  |
|---------------------------|--|
| Product Type:             | Expression Plasmids  |
| Product Name:             | SHISA8 (NM_001207020) Human Untagged Clone   |
| Tag:                      | Tag Free   |
| Symbol:                   | SHISA8   |
| Synonyms:                 | C22orf17; Orf26  |
| Mammalian Cell Selection: | Neomycin   |
| Vector:                   | pCMV6-Entry (PS100001)   |
| E. coli Selection:        | Kanamycin (25 ug/mL)   |
| Fully Sequenced ORF:      | >SC335855 representing NM_001207020.<br>Blue=Insert sequence Red=Cloning site Green=Tag(s) |

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GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTACTATAGGGCGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGGCGCGGGCCGGGGCGCGGGGACTGCTCGGCGGCCCGCTCCTCCCGCCTCCGGCTCGCGCTCGCG
CTTCGGCTCGCGTTGCTGCTGGCGCGGCCCGCTCGGGCCGCGCGGGAGCCCCGAGGCGCAGGGTCCC
GCGGGCCCGGCACGACAGCCCCGAGGGGGGGCGACCGCTGCCGCGGCTACTACGACGTGATGGGCCAG
TGGGACCCGCCCTCAACTGCAGCTCCGGAGCCTACAGCTTCTGCTGCGGCACGTGCGGCTACCGCTTC
TGCTGCCACGACGGGCCGCGCCCTCGACCAGAGCCGCTGTTCCAACACGACACGCCGGCCTGGGTC
CAGACAGGCCGGCCGCCGCCCGCGCCGACACCGCAGCGCCCGGGACCCCGCGCGGAGCGCAGC
CATACGGCCGTCTACGCTGTGTGCGGCGTGCAGCGCTGCTGGTCTGGCCGGCATCGGGGCGCGCCTG
GGACTGGAGAGGGCGCACAGCCCCGCGCGCGCGGCACAGTGACCAGGGCGCTGACAGAGCTTCTGAAG
CAGCCGGGCCCCCAGGAGCCACTGCCTCCCACCCTGGGCCACCCTGGGTGGCTGTGTCCAGGTGCAG
ATGGGGGACGGCCTCCCCGGGGCTCCCCCACAACAGCGCAGACAAGAAGCGCCTCAACAACGCGCCC
CGGGGTCGCGCCGCCCGGGGCCCGCGCGGCCCGCGGCTGCAGGGCGGCGGCAGCCTGACGCTGCAG
CCAGACTACGCCAAGTACGCCACGTTCAAGGCCCGCGCTCAAGGCCGAGAGGCCGCCCGCGGGAC
TTCTGTACAGCTTCCCCGCCCTCGAGCCGTCCCCGCGGAACCCCGCGCGGGCTCCGCGACCATCC
CCGGACTTGCTGCGCCGCTGGACGCTGCCCTGGGCCCGCGGCTACGCGCCCCCTGCCGCGCCG
GGCCCCATGCCGCTGGACCTCCAGTCGCCCGGCCCGGCCCGCCGCTCAGCCACCCGACGGCTCGG
GCCTTCCAGGTACCCCGCGACCCGGGCACGCGGCCCGCGCCAGTTCAAGTGTGAAGATGCCTGAGACC
TTCAACCCGACGCTCCCGGCCCTTACGGCAGCGCGGGCCGCGGGTCCCGGTACCTAAGGACCAATAGC
AAGACCGAGGTCACCGTGTGA
ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTAAACGGCCGGC
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Restriction Sites: Sgfl-Mlul



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|                               |  |
|-------------------------------|--|
| <b>ACCN:</b>                  | NM_001207020   |
| <b>Insert Size:</b>           | 1194 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>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>                | <a href="#">NM_001207020.1</a>   |
| <b>RefSeq Size:</b>           | 1405 bp  |
| <b>RefSeq ORF:</b>            | 1194 bp  |
| <b>Locus ID:</b>              | 440829   |
| <b>UniProt ID:</b>            | <a href="#">B8Z734</a>   |
| <b>Cytogenetics:</b>          | 22q13.2  |
| <b>MW:</b>                    | 42 kDa   |
| <b>Gene Summary:</b>          | <p>May regulate trafficking and current kinetics of AMPA-type glutamate receptor (AMPA) at synapses.[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (3) uses an alternate in-frame splice junction compared to variant 1. The resulting isoform (3) has the same N- and C-termini but is shorter compared to isoform 1. Sequence Note: The RefSeq transcript and protein were derived from genomic sequence to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on alignments.</p> |