

## Product datasheet for **SC301233**

### SHISA2 (NM\_001007538) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	SHISA2 (NM_001007538) Human Untagged Clone
Tag:	Tag Free
Symbol:	SHISA2
Synonyms:	bA398O19.2; C13orf13; hShisa; PRO28631; TMEM46; WGAR9166
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL6</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF sequence for NM_001007538 edited ATGTGGGGCGCTCGCCGCTCGTCCGTCTCCTCATCCTGGAACGCCGCTTCGCTCCTGCAG CTGCTGGCTGGCTGCGCTGCTGGCGGGGGCGAGGGCCAGCGGCGAGTACTGCCACGGC TGGCTGGACGCGCAGGGGCTCTGGCGCATCGGCTTCCAGTGTCCCAGCGCTTCGACGGC GGCGACGCCACCATCTGCTGCGGCGAGCTGCGCGTTGCGCTACTGCTGCTCCAGCGCCGAG GCGCGCTGGACCAGGGCGGCTGCGACAATGACCGCCAGCAGGGCGCTGGCGAGCCTGGC CGGGCGGACAAAGACGGCCCCGACGGCTCGGCAGTGCCCATCTACGTGCCGTTTCTCATT GTTGGCTCCGTGTTTGTGCGCTTATCATCTTGGGGTCCCTGGTGGCAGCCTGTTGCTGC AGATGTCTCCGGCCTAAGCAGGATCCCCAGCAGAGCCGAGCCCCAGGGGGTAACCGCTTG ATGGAGACCATCCCCATGATCCCCAGTGCCAGCACCTCCCGGGGTCGTCTCACGCCAG TCCAGCACAGCTGCCAGTCCAGCTCCAGCGCCAACTCAGGGGCCGGGGCCCCCAACA AGGTCACAGACCAACTGTTGCTTGCCGGAAGGGACCATGAACAACGTGTATGTCAACATG CCCACGAATTTCTGTGCTGAACTGTCAGCAGGCCACCCAGATTGTGCCACATCAAGGG CAGTATCTGCATCCCCATACGTGGGGTACACGGTGCAGCACGACTCTGTGCCCATGACA GCTGTGCCACCTTTCATGGACGGCCTGCAGCCTGGCTACAGGCAGATTTCAGTCCCCCTTC CCTCACACCAACAGTGAACAGAAGATGTACCCAGCGGTGACTGTATAA
Restriction Sites:	Please inquire
ACCN:	NM_001007538
Insert Size:	1800 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>OTI Annotation:</b>	The ORF of this clone has been fully sequenced and found to be a perfect match to NM_001007538.1.
<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_001007538.1</a></u> , <u><a href="#">NP_001007539.1</a></u>
<b>RefSeq Size:</b>	2889 bp
<b>RefSeq ORF:</b>	888 bp
<b>Locus ID:</b>	387914
<b>UniProt ID:</b>	<u><a href="#">Q6UWI4</a></u>
<b>Cytogenetics:</b>	13q12.13
<b>Protein Families:</b>	Transmembrane
<b>Gene Summary:</b>	Plays an essential role in the maturation of presomitic mesoderm cells by individual attenuation of both FGF and WNT signaling.[UniProtKB/Swiss-Prot Function]