

Product datasheet for **MC200630**

Shisa5 (NM_025858) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Shisa5 (NM_025858) Mouse Untagged Clone
Tag: Tag Free
Symbol: Shisa5
Synonyms: 2310008D10Rik; 6430628I05Rik; mShisa5; Scotin
Mammalian Cell Selection: Neomycin
Vector: PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection: Kanamycin (25 ug/mL)

Fully Sequenced ORF: >BC010238 sequence for NM_025858
 GTAGGGCCGCGTGGTCGCGGAGGTTGCGGCGGCACCGTGGTCTGGGCTTGGTCCGTCTGTTTCGTC
 TCCGTTGGTCTGTCCCGCCATGGCTGCGCCGCGCCCTCTCTGTGGACCTATTGCTGCTGTTGCTG
 CTGCCGCGCCTCCGGGTGCCATGGTGAGCTGTGCAAGGCCCTTTGGTGAAGACAATTTCGATCCCA
 TCTGTCTGATTTCTGTTGGTTCCTGTTCCAACCAATACTGCTGCTCGGACGTGCTGAGGAAAAATCCA
 GTGGAATGAGGAAATGTCTCTGAGCCAGAGTCCAGCAGATTTTCCACCCCGCGGAGGAGACACCCGAA
 CATCTGGGTTTCAGCGCTGAAATTCGATCCAGTTTTCAGAGTACCCTATGTCAGGGTTCGGAGCGACCG
 TCGCCATTGGCGTGACCATCTTTGTGGTGTATTGCCACTATCATCTGCTTACCTGCTCCTGCTG
 CTGTCTGTATAAGATGTGCTGCCCCAACGCCCTGTCGTGACCAACACCACAATACTACCGTGGTTCAT
 GCCCTTACCCTCAGCCTCAACCTCAACCTGTGGCCCCAGCTATCCTGGACCAACATACCAGGGCTACC
 ATCCCATGCCCGCCAGCCAGGAATGCCAGCAGCACCTACCCAACGCAGTACCCACCACCTACCTGGC
 CCAGCCACAGGGCCGCCACCCTACCATGAGTCCTTGGCTGGAGCCAGCCAGCCTCCATACAACCCGACC
 TACATGGATTCCCTAAAGACAATTCCTGAACCTGCCCGCCAGCCTCTTTGGCTGCCATTTATGTCGTGTG
 TGAGTGAGTGATACGCAGAGTCTTTACTGCTGTCTGTGGTGTGTGTGCCTTGTCTAGACATGTGGCTTC
 CTCTGCTGTTGACCAGGTAGGCGCAAGTCTTACCAGTGTGGGTCGGGACCAACCTGTTTTCTTCTTACT
 TGAAATTTGACTTTCTGAAATTTCAAGCAAATTAACAATAGGGTAGGAGGATTTCCACAGTACCC
 CAAGGTGACCAGCCATGGCCTGTACTTACTAGGAGCAAGCTTTTTGCGGGTACAGAGCAGGCTTTGGG
 GGGTAACCAGCTAGCTGCTGCTAGGCCTTATTTCCAGGGTTGGCTGCATTGGCAGTGAGGCAGGTGGC
 TGGGGGTGACACCAGGTGACAAGGGGACTCAGTGGCAGGGGGTACACCAGGCAGAACACCATACACTCT
 CCATCAGCTGTCTGTCTGGATGTCACTGTCTTCCCGGGCTGTATAGAGGGCCACATGTGTTCACTATT
 CAGGCTCCACTGGGGAATTTTCTACCTTTGCTGGCTTGGCTCCTGCTCCAGGCCAGGACCTCGGTG
 TGTCTACTACACTCTGGTTTCTCCCTGCACTGTCTTTTACTGTTAGCCAAACATTTGCTGTTTTT
 TGTCTCCAGATGTGTGATAATTGGTGTGAGGTTGAAATCCCTGGTTTCTGGAGGACAGACAACCTGACCT
 CCGACTGTCAGTTTCCCTTACACCATCTTATAGAAATACCTGACTCCTGTACCAGAGTCCAGTTTGTG
 CCAGTAGCAGGGACCAAGGCAATGGGTTATCTGGACCAAGGTGGGGTGGAGGGCTAGATGGTATC
 TCCGCCCAGATGTGAATACCTCCATATCCCTGTTGGTTCCTGTTTCACTGGCTGTTTTAGCTTTGTG
 TGATTGGTGTCTGAGCATTGACTCCGCACCTCATTCTAATAAATGCAACATTGGAAAAA AAAAAA



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Restriction Sites:	RsrII-NotI
ACCN:	NM_025858
Insert Size:	711 bp
OTI Disclaimer:	<p>Due to the inherent nature of this plasmid, standard methods to replicate additional amounts of DNA in E. coli are highly likely to result in mutations and/or rearrangements. Therefore, OriGene does not guarantee the capability to replicate this plasmid DNA. Additional amounts of DNA can be purchased from OriGene with batch-specific, full-sequence verification at a reduced cost. Please contact our customer care team at custsupport@origene.com or by calling 301.340.3188 option 3 for pricing and delivery.</p> <p>The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. More info</p>
Components:	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).
Reconstitution Method:	<ol style="list-style-type: none">1. Centrifuge at 5,000xg for 5min.2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.3. Close the tube and incubate for 10 minutes at room temperature.4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.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.
RefSeq:	BC010238 , AAH10238
RefSeq Size:	1826 bp
RefSeq ORF:	711 bp
Locus ID:	66940
UniProt ID:	Q9D7I0
Cytogenetics:	9 F2
Gene Summary:	<p>Can induce apoptosis in a caspase-dependent manner and plays a role in p53/TP53-dependent apoptosis.[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (1) uses an alternate splice site in the coding region compared to variant 3. The resulting protein (isoform 1) is shorter but has the same N- and C-termini compared to isoform 3. Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.</p>