

Product datasheet for **MC214574**

Shisa3 (NM_001033415) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Shisa3 (NM_001033415) Mouse Untagged Clone
Tag: Tag Free
Symbol: Shisa3
Synonyms: D830007B15Rik
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC214574 representing NM_001033415
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGGGGCGCTGCTGGCGTTCTGTCTGCTCGTGGGCTTGCTACGTTGGGGCCCGGGCGCGCAGCAGC
CTGGGGAATACTGCCACGGCTGGGTGGACGCGCAGGGCAACTATCAGAGGGTTCCAGTGCCCCGAGGA
CTTCGACACGCAGGACGCCACCATCTGCTGCGGCTCGTGTGCGCTACTGCTGCGCGCAGCCGAC
GCCAGGTTGGAGCAGGGGGCTGCACCAACGACCGGGAGAGCTGGAGCATCCTGGCATCACCGCGCAAC
CTGTCTATGTCCCTTCCTGATCGTCCGGTCCATCTTCATCGCCTTCATCATTTTGGGCTCTTTAGTGGC
TATCTATTGTTGCACCTGTTGAGACCAAGGAGCCCTCTCAGCAGCCATCCGCTTCTCGCTCCGAAGC
TATCAGACAGAGACCTTGCCCATGATCCTCACCTCCACCAGCCTCAGAGCAGCTTCAGGCAGTCCAGCA
CCGCTACCAGTCCAGCTCCACGGGAGGATCTGTGCGGAGGTTCTCCTTTGCCAGGGCTGAGCCAAGCTG
CCTGGTGCCCTCATCACCCACCTTACACCCTGGTACACCATAACCTAACCCAACCGTCCGGTTTC
CTGGTATCACCCAGTATTTGCATACCCTCTCCAGCAGGAGCCCCATTACCTGGGAAGAGCTGTCCAG
ATTCAGTCCAGT**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001033415
Insert Size: 717 bp



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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).
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:	<u>NM_001033415.3</u> , <u>NP_001028587.1</u>
RefSeq Size:	3754 bp
RefSeq ORF:	717 bp
Locus ID:	330096
UniProt ID:	<u>Q3UPR0</u>
Cytogenetics:	5 C3.1
Gene Summary:	Plays an essential role in the maturation of presomitic mesoderm cells by individual attenuation of both FGF and WNT signaling.[UniProtKB/Swiss-Prot Function]