

Product datasheet for **MC209408**

Six6 (NM_011384) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Six6 (NM_011384) Mouse Untagged Clone
Tag: Tag Free
Symbol: Six6
Synonyms: Opt; Optx2; Si; Six9
Mammalian Cell Selection: Neomycin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Fully Sequenced ORF: >MC209408 representing NM_011384
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGTTCCAGCTGCCATTTTGAATTTTCAGCCCCAGCAAGTAGCCGGGTATGTGAGACCCTGGAGGAAA
 GCGGCGACGTGGAGCGCCTAGGTCGCTTCTATGGTCGCTGCCCGTGGCCCCAGCAGCTTGTGAAGCCCT
 TAACAAGAATGAGTCGGTCTGCGAGCGAGAGCCATCGTGGCTTCCACGGTGGCAACTACCGGAGCTT
 TATCATATCCTGAAAAATCATAAGTTTACTAAGGAATCGCACGCCAAGCTGCAGGCGCTGTGGCTCGAAG
 CGCATTACCAGGAGGCAGAGAAGCTGCGTGACGCGCCCTAGGGCCAGTAGACAAGTACCGAGTAAGGAA
 GAAGTTCCCGCTGCCGCGGACATTTGGGATGGCGAACAGAAGACTCACTGCTTCAAGGAGCGCACGCGG
 CACCTGCTTCGAGAGTGGTACCTTCAGGACCCATATCCCAACCCAGCAAAAAGCGAGAGCTCGCCAGG
 CAACCGGACTGACCCCCACACAGGTGGGCAACTGGTTCAAAAACCGCAGACAAAGAGACCGGGCAGCTGC
 AGCCAAAAACAGACTCCAGCAGCAGGTTCTGTGCGAGGGCCCCGGCGGGTGCTACGCTCGGAGGGTGAG
 GGAACGCCTGAGGTGTTGGGCGTCGCCTCCAGCCCGGCTGCCAGTCTGTGCGAGCAAGCGGCCACTTCGG
 CCATCTCCATCACATCCAGCGACAGTGAGTGGACAT**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_011384
Insert Size: 741 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:	NM_011384.5 , NP_035514.1
RefSeq Size:	4019 bp
RefSeq ORF:	741 bp
Locus ID:	20476
UniProt ID:	Q9QZ28
Cytogenetics:	12 C3
Gene Summary:	This gene encodes a homeobox protein that is similar to the Drosophila 'sine oculis' gene product. This gene is found in a cluster of related genes on chromosome 12 and is thought to be involved in eye development. The encoded transcription factor regulates early progenitor cell proliferation during mammalian retinogenesis and pituitary development. Mice lacking this gene exhibit abnormal development of the suprachiasmatic nucleus and circadian rhythms. [provided by RefSeq, Sep 2015]