

Product datasheet for MC209838

Snai3 (NM_013914) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Snai3 (NM_013914) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Snai3
Synonyms:	Al643946; Smuc; Zfp293
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>MC209838 representing NM_013914 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGC**C

ATGCCGCGCTCCTTCTGGTGAAAACGCACTCCAGTCACAGGGTCCCCAACTACGGGAACTGGAGACAC
TGAGAGAAGCTAATGGCTCCTGCTCTGCCTGCAAGGAGTTGGCAGGATCCCGCCACCTGCCAGATGAGGA
GGCCCCCTGCAATCCCAGTGACCCCTACAGCCTTGGGACAGTACCTCTGCCGTTGCCTGCATCTCCCTG
CCTCTTCTGCCGAATCACAGAGAACTCTGGGAGTCTCTGGCCAGAACCTCAGGAAACCAGCTGGGTGG
GCCCTCGGGCTGCCAGGCCCCAGTGTGACTCTTAAAGACAGCTTCACTCTACCCCGCTGTTGGTGCT
GCCACACGCTGGCCCCAATCCTGGGCCAGACGGAGCTCTAAATGAACATCTCAGGGCTGAGGGGACA
TCTCGAGTCCCAGGTAGCTTTGAGTGCATCCACTGCCACAGGCCGTATCATACGCTGGCTGGCCTGGCCA
GGCACCAGCAGCTGCACTGTCACTGCCGACTGGGCGCGCCTTCACTGCAGGTAAGTGTGACAAGGAGTA
TGCCAGCCTGGGTGCCCTCAAGATGCATATCCGCACCCACACGCTGCCCTGCATCTGTAAGGTGTGCGGC
AAGGCCTTCTCCAGACCTGGCTGCTCCAGGGTACATCCGCACCCATACAGGTGAGAAGCCCTATACCT
GTTCTCACTGCAGCAGGGCCTTCGCTGACCGCTCCAACCTGAGGGCTCACCTGCAGACTCACGTTGGTAC
CAAGAAGTACAGGTGCGCCGTGTCGCCAAGGCCTTCTCCGCATGTCTCTTTGGCGCGCATGAGGAA
GCCGGCTGCTGCTGGCCCC**TAG**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Chromatograms: https://cdn.origene.com/chromatograms/ja3656_b02.zip

Restriction Sites: SgfI-MluI

ACCN: NM_013914



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Insert Size:	864 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).
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:	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.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	<u>NM_013914.2</u> , <u>NP_038942.1</u>
RefSeq Size:	1589 bp
RefSeq ORF:	864 bp
Locus ID:	30927
UniProt ID:	<u>Q9QY31</u>
Cytogenetics:	8 E1
Gene Summary:	Seems to inhibit myoblast differentiation. Transcriptional repressor of E-box-dependent transactivation of downstream myogenic bHLHs genes. Binds preferentially to the canonical E-box sequences 5'-CAGGTG-3' and 5'-CACCTG-3'. [UniProtKB/Swiss-Prot Function]