

Product datasheet for **SC122874**

MNS1 (NM_018365) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	MNS1 (NM_018365) Human Untagged Clone
Tag:	Tag Free
Symbol:	MNS1
Synonyms:	HTX9; SPATA40
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >OriGene sequence for NM_018365 edited
 GGGGCTGCTGGCTGCTGCGTTTGC GCGGGAGGTGGTGGCCGCGTCCCACGAGAGGGGG
 TATTTTTCGTCAGCCAAGATGGGTTCCAAAAGGAGAAATTTGAGCTGTAGTGAAAGGCAT
 CAGAAATAGTAGATGAAAACACTGCAAAAAATTACATGTCCAAGCTCTAAAAACGTC
 AACAGTCAAATCAGGAATCAAATGGTGCAGAATGAAAATGATAACCGTGTTCAGCGCAAG
 CAATTTCTCAGATTATTACAAAATGAACAATTTGAGTTGGATATGGAAGAGGCCATTCAA
 AAGGCAGAAGAAAACAAGAGATTGAAAGAACTCCAGCTCAAACAAGAAGAAAAAACTGGCT
 ATGGAATTGGCAAAACTGAAACATGAAAAGTCTAAAGGACGAAAAGATGAGGCAACCAAGTA
 AGAGAAAACAGCATTGAGCTTAGAGAATTGGAGAAGAAATTAAGCAGCTTACATGAAT
 AAAGAAAGGGCAGCTCAGATTGCTGAAAAGGATGCCATTAATATGAACAAATGAAACGT
 GATGCTGAAATAGCCAAAACCATGATGGAAGAACAAGAGAATAATAAGGAAGAGAAT
 GCTGCAGAAGACAAAACGAAAACAAAGCGAAAAGCACAGTACTATCTTGACTTAGAGAAACAA
 CTTGAAGAACAAGAAAAAAAAGCAGGAAGCTTATGAGCAGCTGCTAAAAGAGAAAACCTC
 ATGATTGATGAAATTGTTAGGAAGATCTATGAAGAAGATCAGTTGAAAAACAACAAAAG
 TTAGAAAAATGAATGCAATGCGAAGGCATATAGAAGAGTTTCAGAAAGAGCAGGCTCTC
 TGGAGAAAAAAGAAACGTGAGGAGATGGAAGAAGAAAACAGAAAAATCATAGAGTTTGCT
 AACATGCAGCAGCAAAGAGAAGAAGATCGGATGGCAAAAGTTCAAGAAAAATGAGGAGAAA
 AGGCTACAGCTTCAGAATGCGTTGACACAGAAATTAGAAGAAATGCTGCGGCAACGTGAA
 GATTTGGAACAAGTGCACAAGAATTATACCAGGAAGAACAAGCTGAAATATATAAGAGC
 AAGCTAAAAGAAGAAGCAGAAAAGAAATGAGAAAAGCAAAAAGAGATGAAGCAAGATTTT
 GAAGAACAATGGCCTTGAAGGAATTAGTGCTACAGGCTGCAAAAAGGAAGAGGAGAAC
 TTTAGAAAAACTATGCTAGCTAAATTTGCTGAGGATGATCGAATAGAATTAATGAATGCT
 CAGAAACAAAAGAATGAAGCAGCTGGAACACAGGAGGGCTGTGAAAAAACTTATTGAAGAG
 CGTCGCCAACAAATTCCTTGACAGCAAAACAACGTGAACTAGAAGAGTGGCAGTTGCAGCAA
 AGCGCGCAAGGATTTATTAATGCAATTATTGAAGAAGAAAGGCTAAAACCTTCTAAAGAG
 CATGCTACAACTTACTAGGCTATCTCCCTAAAGGAGATTTAAAAAAGAGGATGATATT
 GATCTGCTTGGTGAAGAGTTCAGGAAAGTATATCAACAAAGGAGTGAATTTGTGAAGAG
 AAATGATATCATCAAATTTGGTAAAGCATAGATTTTTGTATGTTACCACTAGATGTCA
 GCATAACTTTTGTACAGTTCAGTGGCATTAGGTATCAATTGTCTGTTTGGATTTTGT
 AAATCATCACTGAATTTATACTTGTAAACAATTATCAGATACAAATTAATTTTAAATCA
 AGCTGTTATTTTGTACTGATAATTTCAAATCCGATTTCTACAACACTACAGAGCACTG
 TTTGCATCCCCATCCTCAAGACAGTATATTTACCTTGACTAATACAGAACTCTACCTCAA
 AAAAAAAAAAAAAA

5' Read Nucleotide Sequence: >OriGene 5' read for NM_018365 unedited
 CAACGACAGATTTGTATACGACTCATATAGGCGGCCGCATAAECTTCGTATAGCATACATT
 ATACGAAGTTATGGATCAGGCCAAATCGGCCGAGCTCGAATTCGTCGAGAGCGGGGGCT
 GCTGGCTGCTGCGTTTGC GCGGGAGGTGGTGGCCGCGTCCCACGAGAGGGGGTATTTT
 TCGTCAGCCAAGATGGGTTCCAAAAGGAGAAATTTGAGCTGTAGTGAAAGGCATCAGAAA
 TTAGTAGATGAAAACACTGCAAAAAATTACATGTCCAAGCTCTAAAAACGTC AACAGT
 CAAATCAGGAATCAAATGGTGCAGAATGAAAATGATAACCGTGTTCAGCGCAAGCAATTT
 CTCAGATTATTACAAAATGAACAATTTGAGTTGGATATGGAAGAGGCCATTCAAAGGCA
 GAAGAAAAACAAGAGATTGAAAGAACTCCAGCTCAAACAAGAAGAAAAAACTGGCTATGGAA
 TTGGCAAAACTGAAACATGAAAGTCTAAAGGACGAAAAGATGAGGCAACAAGTAAGAGAA
 AACAGCATTGAGCTTAGAGAATTGGAGAAGAAATTAAGCAGCTTACATGAATAAGAA
 AGGGCAGCTCAGATTGCTGAAAAGGATGCCATTAATATGAACAAATGAAACGTGATGCT
 GAAATAGCCAAAACCATGATGGAAGAACAAGGAGAATAATAAGGAAAGAGAATGCTGC
 AGAAGACAAAACGAAAACAGAGCGAAAAGCACAGTACTATCTTGACTTACGAGAAACAACTTG
 AAGAACAAGAAAAAAAAGCCGGAAGCTTATGAGCAGCTGCTAAAAGAGAACTCATGATT
 GATGAAAATGTTTAGGAAGATCTATGAAAAGATCATTGGGAAAACACAGAGT

Restriction Sites: Please inquire

ACCN:	NM_018365
Insert Size:	1874 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:	<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_018365.1 , NP_060835.1
RefSeq Size:	1945 bp
RefSeq ORF:	1488 bp
Locus ID:	55329
UniProt ID:	Q8NEH6
Cytogenetics:	15q21.3
Gene Summary:	This gene encodes a protein highly similar to the mouse meiosis-specific nuclear structural 1 protein. The mouse protein was shown to be expressed at the pachytene stage during spermatogenesis and may function as a nuclear skeletal protein to regulate nuclear morphology during meiosis. [provided by RefSeq, Oct 2008]