

Product datasheet for **SC123023**

MNF1 (UQCC2) (NM_032340) Human Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: MNF1 (UQCC2) (NM_032340) Human Untagged Clone
Tag: Tag Free
Symbol: MNF1
Synonyms: bA6B20.2; C6orf125; C6orf126; Cbp6; M19; MC3DN7; MNF1
Mammalian Cell Selection: None
Vector: [pCMV6-XL5](#)
E. coli Selection: Ampicillin (100 ug/mL)

Fully Sequenced ORF: >OriGene sequence for NM_032340 edited
 GCCGACTCTCCCGCTAAGGCGGGAACACGCGGGGCCAAGATGGCGGCCAGCCGGTACC
 GCGTTTTCTTAAGCTCTGTGAGGAATGGCCAGTGGACGAGACCAAACGGGGCCGGGACT
 TGGGCGCTTACCTGCGACAGCGGGTAGCACAGGCCTTTCGGGAGGGAGAGAATACCCAGG
 TTGCAGAGCCTGAGGCCTGTGATCAGATGTACGAGAGCTTAGCGCGACTCCATTCAA
 ACTACAAAACAAGTACCCTCGCCCCAGAGACACCAGCTTCAAGTGGCCTGTCTGTTGGAAG
 AGTACAAGCTGATCCTGTCCACAGACACCTTGAAGAGCTTAAGGAAATAGATAAAGGCA
 TGTGGAAGAACTGCAGGAGAAGTTTGCSCCAAGGGTCTGAGGAGGATCATAAGGCCT
 GAGCTCAGGCCTTACCTCGTGACATACCTAGGTGTGGAGTCTTGTACATTGCCATCGT
 AATAAACTGCCCGAGTTCCCTTGCAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA

5' Read Nucleotide Sequence: >OriGene 5' read for NM_032340 unedited
 NNNGGTGAAGTACAAATTTGTATACGACTCATATAGGCGGCCGNATTCGGCCATTACG
 GCCGGGGGCCGACTCCTCCCGCTAAGGCGGGAACACGCGGGGCCAAGATGGCGGCCAGC
 CGGTACCAGCGTTTTCTTAAGCTCTGTGAGGAATGGCCAGTGGACGAGACCAAACGGGGC
 CGGGACTTGGGCGCTTACCTGCGACAGCGGGTAGCACAGGCCTTTCGGGAGGGAGAGAAT
 ACCCAGGTTGCAGAGCCTGAGGCCTGTGATCAGATGTACGAGAGCTTAGCGCGACTCCAT
 TCAAACACTACAAAACAAGTACCCTCGCCCCAGAGACACCAGCTTCAAGTGGCCTGTCTG
 TTGGAAGAGTACAAGCTGATCCTGTCCACAGACACCTTGAAGAGCTTAAGGAAATAGAT
 AAAGGCATGTGGAAGAACTGCAGGAGAAGTTTGCSCCAAGGGTCTGAGGAGGATCAT
 AAGGCCTGAGCTCAGGCCTTACCTCGTGACATACCTAGGTGTGGAGTCTGTACATTGC
 CATCGTCAATAAACTGCCCGAGTTTCCCTTGCAAAAANAAAAAAAAAAAAAAAAAAAAAA
 AAACATGTTCCGGCCGCTCGGCCCTCGACTCTAGATTGCGGCCGCGGTATAGCTGTTTC
 CTGAACAGATCCCGGGTGGCATCCCTGTGACCCCTCCCAAGTGCCTCTCCTGGCCCTGGA
 AGTTGCCACTCCAGTGCCACCAGCCTTGTCTAATAAAATTAAGTTGCATCATTTTGTCT
 TGACTAGGTGTCTTCTAAATATATGGGTGAGGGGGGGGGTTTTGNAACAGGGGCCAAG
 TTTGAAAAACAACCGGAGGCCCTCCG



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Restriction Sites:	Please inquire
ACCN:	NM_032340
Insert Size:	536 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:	<u>NM_032340.1</u> , <u>NP_115716.1</u>
RefSeq Size:	536 bp
RefSeq ORF:	381 bp
Locus ID:	84300
UniProt ID:	<u>Q9BRT2</u>
Cytogenetics:	6p21.31
Gene Summary:	This gene encodes a nucleoid protein localized to the mitochondria inner membrane. The encoded protein affects regulation of insulin secretion, mitochondrial ATP production, and myogenesis through modulation of mitochondrial respiratory chain activity. [provided by RefSeq, Oct 2012]