

## Product datasheet for **RN204709**

### **Men1 (NM\_019208) Rat Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Men1 (NM_019208) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Men1
Synonyms:	menin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



[View online »](#)

**Fully Sequenced ORF:** >RN204709 representing NM\_019208  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGGGGCTGAAGGCCGCCAGAAGACGCTGTTCCCTCTGCGCTCTATCGACGACGTGGTGGCCCTGTTCG  
 CTGCGGAGCTGGGCCGAGAGGAGCTGACTGGTGTCTCCTCTGTTCTGGGCTTCGTAGAGCATTT  
 CCTGGCTGTCAACCGTGTCACTCCCAACAGTCCGAGCTCACCTCCAGCCAGCCCGCACCCGAC  
 CCTCTGGTGGCCTCACCTACTCCAGTGGCCGACCTATCCATCATTGCTGCCCTCTATGCCCGATTCA  
 CCGCTCAGATCCGCGGTGCTGTGGACCTCTCCCTCTATCCTCGAGAGGGGGCGTTCCAGTCGCGAACT  
 GGTAAAAAAGGTCTCGGATGTATGGAACAGCCTCAGCCGCTCCTACTTCAAGGACCGGGCCACATC  
 CAGTCTCTTTCAGTTCATCACAGGCACTAACTGGACAGTTCGGGCGTGGCCTTTCAGTGGTAGGGG  
 CCTGCCAGGCTTAGGTCTCAGAGATGTCCATCTGGCCCTGTCCGAGGATCATGCCTGGGTGGTTCGG  
 GTCCAATGGGGAACAGACGGCTGAGGTGACCTGGCATGGCAAAGGCAACGAGGACCGCAGAGGCCAGACA  
 GTCAACGCTGGTGTGGCTGAGCGGAGCTGGCTGTACCTGAAAGGATCGTACATGCCCTGTGACCCGAAGA  
 TGGAGGTGGCGTTTATGGTGTGTGCCATCAACCCTCCATTGATCTTCACTGACTCTTTGAACTGTT  
 GCAACTACAGCAGAAGCTGCTCTGGCTGTGTATGACCTAGGACATCTGGAAAGGTACCCCATGGCGCTA  
 GGGAACTTGGCAGACCTGGAGGAGCTGGAACCCACCCCTGGTCGGCCAGACCCGCTCACCCCTATCACA  
 AGGGGATTGCCTCAGCTAAGACCTACTACCAGGATGAACACATCTACCCCTACATGTACCTGGCTGGATA  
 CCATTGTCGCAACCGCAATGTGCGTGAAGCCCTGCAGGCTGGGCCGACACTGCCACTGTTATCCAAGAC  
 TACAACCTACTGTCGGGAGGATGAAGAGATCTACAAGGAATCTTTGAAGTGGCCAATGACGTCATCCCA  
 ACCTGCTGAAGGAGGCGAGCCAGCCTGCTAGAAGCAGGCGAGGAGCGGCCAGGAGAGCAAGCCAGGGCAC  
 CCAAGGCCAAGGTTCTGCCCTCCAGGACCCAGAGTGTCTTGGCCACCTGCTGCGATTCTATGATGGCATC  
 TGCAAATGGGAGGAGGTAGCCCCACACCAAGTACTGCACGTGGGCTGGGCAACTTTCCTTGTGAGTCCC  
 TAGGACGCTTTGAGGGACAGGTGCGGCAGAAAGTGCACATAGTTAGCCGGGAAGCCGAGGACAGCAGAGGC  
 GGAAGAACCATGGGGGACGAAGCCCGAGAAGTGTGCGCGCGTCCCCGCCGAGAGTCCAAGCCTGAG  
 GAGCCACCACCACCAAGAAGCCTGCGTTGGACAAGGGCCAGGCTCAGGGCAAAGTGCAGGCTCGGGAC  
 CTCCTAGAAAACGTGAGGACTGTCTCAGTACTGCCCGTGGCAGAAAGTGCAGAGTGTCTCAGGC  
 TCCAGCACCTGCAGCATGCCACCCCAAGAGGGCCAGTGTCTACTTTCCAGAGTGAAGAATGAAAGGA  
 ATGAAGGAGCTACTGGTGGCCACCAAGTCAACTTAGTGCCATCAAGCTGCAACTCACGGCACAGTCCC  
 AAGTGCAGATGAAGAAACAGAAGGTGTCCACCCAGCGACTACACACTCTTTTCTAAAGCGGCAGCG  
 CAAGGGCCT**TGA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM\_019208
- Insert Size:** 1833 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.

**RefSeq:** [NM\\_019208.3](#), [NP\\_062081.1](#)

**RefSeq Size:** 2996 bp

**RefSeq ORF:** 1833 bp

**Locus ID:** 29417

**UniProt ID:** [Q9WVR8](#)

**Cytogenetics:** 1q43

**Gene Summary:** displays conservation with the human and mouse homologs for amino acid residues that are mutated in human multiple endocrine neoplasia type 1 [RGD, Feb 2006]