

## Product datasheet for **RC222009**

### **MAN1C1 (NM\_020379) Human Tagged ORF Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	MAN1C1 (NM_020379) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	MAN1C1
Synonyms:	HMIC; MAN1A3; MAN1C; pp6318
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

**ORF Nucleotide Sequence:**

>RC222009 representing NM\_020379  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**GCGATCGCC**

ATGCTCATGAGGAAAGTCCCGGCTTCGTCGCCGCTCCCGTGGGGCTGCGGCTGCCGAGAAGTTCC  
 TCTTCCTCTCTCCTCTCGGGCTGGTACCCTGTGCTTCGGGGCCCTTCTCTGCTGCCCACTCCTC  
 TCGCCTCAAGCGCCTCTTCTGGCCCCCGACCCAGCAGCCTGGTCTGGAAGTGGTGGCTGAAATCGCC  
 GGCCATGCCCGGCCCGGAGCAGGAGCCGCTCCCAACCCGGCCCCCGCGCGCCGGCCCGGGCAGG  
 ATGACCCAGCAGCTGGGCCAGTCCCGCCGAGGAAAGGGGGCTGCGGCGACCCGCCCACTGGACC  
 CCGCGAGGAGCCACGGCGGCCGGGCAATAGCATCCCGCCTCCAGGCCGGGACGAGGGCGTCCCT  
 TTCGCTTTGACTTCAACGCATTCCGGAGCGTCTCCGCCACCCGGTCTGGGAACGAGGGCCGATGAGA  
 GTCAGGAGCCCCAGAGCCAAGTGCAGCCAGCGGGAGAAAATCAAGGAGATGATGCAGTTTGTGGCA  
 GAGCTATAAGCGTTATGCAATGGGGAAAACGAACTCCGTCCACTAACAAAAGATGGCTACGAGGGTAAC  
 ATGTTCCGAGGCCTCAGCGGGCAACAGTCATTGACTCCCTCGATACCCTCTACCTCATGGAGTGAAGG  
 AGGAGTTCAGGAGGCCAAGGCCTGGTGGGAGAGAGTTCACCTGAACGTGAGCGGAGAGCATCCTT  
 GTTTGAGGTGAACATCCGCTACATCGGGGACTCCTCTCAGCCTTCTACCTGACAGGAGAAGAGGTGTC  
 CGAATAAAGGCCATCAGGCTGGGAGAGAAGTCTGCCGGCTTCAACACCCCCACGGGAATCCCAAAGG  
 GCGTGGTGAAGTCAAAAGTGGGAACTGGGGCTGGGCCACAGCCGGCAGCAGCAGCATCTTGGCGGAGTT  
 TGGATCCCTGCACTTGAATTCTTACACCTCACTGAACTCTTGGAACCCAGGTCTTCGCTGAAAAGGTC  
 AGGAACATCCGAAGTCTCAGGAAGATCGAAAAGCCCTTTGGCCTCTACCCCAACTTCTCAGCCCAG  
 TGAGTGGGAAGTGGTGCAACACCATGTCTCAGTTGGAGGACTCGGGACAGTTTTTATGAATATTTGAT  
 CAAATCCTGGTTGATGTCGGGCAAGACAGATATGGAGGCTAAAAATATGTACTACGAAGCCTTGGAGCG  
 ATAGAGACCTACTTGCTGAATGTCTCTCCCGGGGGCTGACCTACATTGCCGAGTGGCGAGGGGGATT  
 TGGACCACAAGATGGGACACTGGCCTGTTTCTCCGGGGCATGATCGCCCTTGGCGCCGAGGATGCCAA  
 GGAAGAAAAGAGGGCCCACTACCAGAGCTCGCAGCCAGATACCAAGACGTGTACGAGTACATCGCC  
 CGCTCAGACACCAAACTTGGCCTGAGGCTTCTGGTTTAACTCCGGCAGAGAGGCGTGGCCACCCAGC  
 TGAGCGAGAGCTACTACATCCTCCGGCCAGAGGTGGTGGAGAGCTACATGTACCTGTGGCAGACACCA  
 CAACCCCATCTACAGGAGTGGGCTGGGAGTGGTGGCCTTGAGAAAATACTGTCCGACAGAAGCC  
 GGTTCCTCTGGGATCAAGACGTGTACAGTAGCACCCCAACACGACAACAAGCAGCAGAGCTTCTTTC  
 TAGCGGAGACACTAAAGTATCTCTATCTTCTGTTCTCTGAAGATGACTTGCTCTCCCTGGAAGACTGGGT  
 GTTCAACACCGAGGCCACCCACTCCCGGTGAACCACTCAGACAGCTCCGGCAGAGCCTGGGCGAGACAC

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:**

>RC222009 representing NM\_020379  
 Red=Cloning site Green=Tags(s)

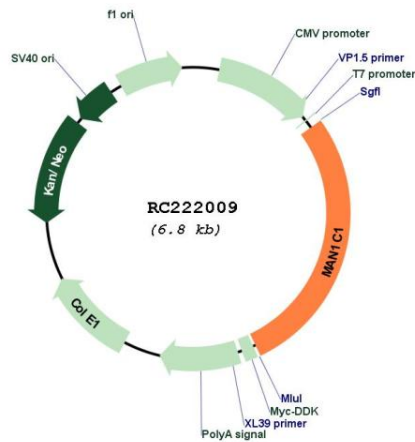
MLMRKVPGFVPASPWGLRPLPQKFLFLFLSGLVTLFCGALFLLPHSSRLKRLFLAPRTQQPGLVVAEIA  
 GHAPAREQEPPNPAPAAPAGEDDPSSWASPRRRKGLRTRPTGPREEATAARGNSIPASRPGDEGVP  
 FRFDNFNFRSRLRHPVLGTRADESQEPQSQVRAQREKIKEMMQFAWQSYKRYAMGKNELRPLTKDGYEGN  
 MFGGLSGATVIDSLDTLYLMELKEEFQEAQAWVGEFHLNVSGEASLFEVNIRYIGLLSAFYLTGEEVF  
 RIKAIRLGEKLLPAFNTPTGIPKGVVFSKSGNWGATAGSSSILAEFGSLHLEFLHLELTELSGNQVFAEKV  
 RNIRKVLRIEKPFGLYPNFLSPVSGNWVQHVSQVGLGDSFYEYLIKSWLMSGKTDMEAKNMYEALAE  
 IETYLLNVSPGGLTYIAEWRGGILDHKGHLACFSGGMIALGAEDAKEEKRAHYRELAQAQITKTCHESYA  
 RSDTKLGPFAFWFNSGREAVATQLSESYILRPEVVEVSYMYLWRQTHNPIYREWGWVVLALAEKYCRTEA  
 GFSGIQDVSSTPNHDKQSFFLAETLKYLYLLFSEDDLLELDWVFNTAEHPLPVNHSDDSSGRAWGRH

**TR**TRPLEQKLISEEDLAANDILDYKDDDDKV



**Locus ID:** 57134  
**UniProt ID:** [Q9NR34](#)  
**Cytogenetics:** 1p36.11  
**Domains:** Glyco\_hydro\_47  
**Protein Families:** Transmembrane  
**Protein Pathways:** Metabolic pathways, N-Glycan biosynthesis  
**MW:** 70.7 kDa  
**Gene Summary:** Involved in the maturation of Asn-linked oligosaccharides. Trim alpha-1,2-linked mannose residues from Man(9)GlcNAc(2) to produce first Man(8)GlcNAc(2) then Man(6)GlcNAc and a small amount of Man(5)GlcNAc.[UniProtKB/Swiss-Prot Function]

### Product images:



Circular map for RC222009