

## Product datasheet for **RC209246**

### **MAN1A2 (NM\_006699) Human Tagged ORF Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	MAN1A2 (NM_006699) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	MAN1A2
Synonyms:	MAN1B
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

ORF Nucleotide  
Sequence:

>RC209246 representing NM\_006699  
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGCATCGCC**

ATGACTACCCAGCCCTGCTGCCCTCTCTGGACGTAGGATACCACCTCTGAACCTGGGGCCGCTTCTCT  
TCCCACATCACAGGGCTACCTTGAGACTTCTGAGAAGTTTATTCTTCTCCTTATTCTTAGTGCCTTCAT  
CACTCTGTGTTTTGGGCATTCTTTTTCTCCAGACTCTTCAAAACACAAACGCTTTGATTGGGTTTA  
GAAGATGTGTTAATTCCACATGTAGATGCCGTAAGGGGCTAAAAACCCGGAGTCTTCTGATCCATG  
GACCCGATGAACATAGACACAGGAAGAGGAAGAACTGAGAAATAAAATTCGAGCTGATCATGAGAA  
GGCCTTGAAGAAGCAAAAGAAAAATTAAGAAAGTCAAGAGAGGAAATTCGAGCAGAAATTCAGACAGAG  
AAAAATAAGGTAGTCCAAGAAATGAAGATAAAAGAGAACAAGCCACTGCCACCAGTCCCTATTCCCAACC  
TTGTAGGAATACGTGGTGGAGACCCAGAAGATAATGACATAAGAGAGAAAAGGGAAAAAATTAAGAGAT  
GATGAAACATGCTTGGGATAACTATAGGACATATGGGTGGGACATAATGAACTCAGACCTATTGCAAGG  
AAAGGACTCCCTAACATATTTGGAAGTTCACAAATGGGTGCTACCATAGTAGATGCTTTGGATACCC  
TTTATATCATGGGACTTCATGATGAATTCCTAGATGGGCAAGATGGATTGAAGACAACCTTGATTCAG  
TGTGAATTCAGAGGTGTCTGTGTTGAAGTCAACATTCGATTTATTGGAGGCCTACTTGCAGCATATTAC  
CTATCAGGAGAGGAGATATTCAAGATTAAGCAGTGCAATTGGCTGAGAACTCCTTCTGCCTTTAACA  
CACCTACTGGGATTCCTTGGGCAATGGTGAATTTGAAAAGTGGAGTAGGGCGAACTGGGGCTGGGCATC  
TGCAGGTAGCAGCATTCTGGCTGAATTTGGTACACTACATATGGAGTTCATCCACCTCAGCTACTTGACA  
GGGACCTGACTTACTACAAAAGGTTATGCACATTCGGAACTACTTCAGAAAAATGGATCGTCCAATG  
GTCTTTATCCAAATTTTGAACCCAGAACAGGGCGCTGGGGTCAGTATCATACATCTGTCGGTGGCCT  
GGGAGACAGTTTTTATGAATACTTACTGAAAGCATGGTTGATGTCAGATAAAACAGACCATGAGGCAAGA  
AAGATGTATGATGATGCTATTGAGGCTATAGAAAAACATCTTATTAAGAAGTCTCGTGGAGTCTTACCT  
TTATTGGAGAATGGAAGAATGGGCACTTGGAAAAAAGATGGGGCATTGGCCTGCTTTGCTGGGGAAAT  
GTTTGCCTAGGAGCAGATGGTTCCAGAGCAGATAAAGCTGGTCATTATTTAGAGCTAGGGGCAGAAAT  
GCACGTAATGTCATGAGTCATATGACAGAAGTGCATTAAGCTAGGTCCTGAATCATTCAAGTTTGATG  
GTGCACTGGAGGCTGTGGCTGTCCGGCAGGCTGAAAAGTATTATATCCTCCGTCAGAAATTAATGAAAC  
CTATTGGTACCTATGGCGATTCACTCACGATCCAAGATACAGGCAGTGGGGCTGGGAAGCAGCACTGGCC  
ATTGAAAAGTATTGCCGAGTTAATGGTGGTTTTCTGGAGTCAAAGATGTATATTCCTCTACTCCTACAC  
ATGATGATGTACAGCAGAGCTTTTTTCTGCTGAAACATTAATAATTTGTATCTGCTGTTCTCCGGTGA  
TGACCTTTTACCTTTAGACCACTGGGTGTTAATACAGAGGCTCACCTCTGCCTGTGTTACATTAGCC  
AACACCACACTTTCAGGTAATCCTGCTGTTCTGA

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA



**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\\_006699.5](#)

**RefSeq Size:** 5388 bp

**RefSeq ORF:** 1926 bp

**Locus ID:** 10905

**UniProt ID:** [O60476](#)

**Cytogenetics:** 1p12

**Domains:** Glyco\_hydro\_47

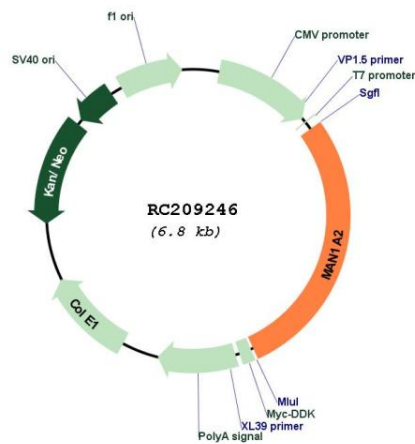
**Protein Families:** Transmembrane

**Protein Pathways:** Metabolic pathways, N-Glycan biosynthesis

**MW:** 72.8 kDa

**Gene Summary:** Alpha-mannosidases function at different stages of N-glycan maturation in mammalian cells. See MAN2A1 (MIM 154582) for general information.[supplied by OMIM, Mar 2008]

### Product images:



Circular map for RC209246