

Product datasheet for **MR209697**

Man1a2 (NM_010763) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Man1a2 (NM_010763) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Man1a2
Synonyms:	AI428775; AI528764; AI854422; Man1b; PCR2
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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ORF Nucleotide
Sequence:

>MR209697 representing NM_010763
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGCATCGCC**

ATGACTACCCAGCGCTGCTGCCCTCTCTGGTCGTAGGATACCACCTTTGAACCTGGGGCCGCCCTCCT
TCCCACATCACAGGGCTACCTTGAGACTCTCCGAGAAGTTTATCCTTCTCCTCATCCTTAGTGCCTTCAT
CACCCTGTGTTTTGGGGCATTCTTCTTCCCTCCAGACTCTTCAAAACACAAACGCTTTGATCTGGGCTTA
GAAGATGTGTTAATTCCTCACGTAGATGCCGGCAAAGGAGCTAAAAACCCGGCGTCTTCTGATCCATG
GACCCGACGAACACAGACACAGGAAGAAGAAGAGCGTCTGAGAAATAAGATTAGAGCTGACCATGAGAA
AGCCCTGGAAGAAGCAAAAGAAAAATTAAGAAAGTCAAGAGAGGAAATCCGTGCAGAAATTCAGACAGAG
AAAAACAAAGTAGCCCAAGCAATGAAGACAAAAGAGACCAGGGTACTGCCGCTGTCCCTGTCCACAAC
GTGTAGGGGTGAGTGGTGGGATCCAGAAGACATGGAGATCAAGAAGAAAAGAGACAAAATTAAGAGAT
GATGAAACATGCCTGGGATAATTACAGAACATACGGATGGGGACATAATGAACTAAGGCCTATTGAAGG
AAAGGCCATTCCACTAACATATTCGGAAGCTCACAGATGGGTGCCACCATAGTGGATGCTTTGGATACCC
TTTATATCATGGGGCTTATGATGAATTCATGGATGGGCAAAGATGGATTGAAGAAAACCTTGATTTGAG
TGTGAATTCAGAAGTGTCTGTCTTTGAAGTTAACATTCGCTTTATTGGAGGGCTCCTCGCTGCATATTAC
CTGTCAGGAGAGGAAATATTCAAGACTAAAGCAGTGCAGTTGGCTGAGAACTCCTTCTGCCTTTAACA
CACCTACTGGGATTCCTGGGCAATGGTGAACCTGAAAAGTGGAGTAGGTGAAAAGTGGGGCTGGGGCTC
TGCAGGCAGCAGCATCCTGGCTGAGTTCGGCACCTGCACATGGAGTTTGTGCACCTCAGCTACTTGACC
GGTGACTTGACTTACTATAATAAGGTGATGCACATTCGAAACTACTGCAGAAAATGGAACGCCAAATG
GTCTTTATCCAAATTTTAAACCAAGAAGAGGGCGCTGGGGTCAATCACACATCAGTTGGTGGTCT
GGGAGATAGTTTTTATGAATACTTACTGAAAGCATGGCTGATGTCAGATAAAACAGACCAGGAGCAAGA
AGGATGTATGACGATGCTGTTGAGGCTATAGAAAAACATCTTATTAAGAAGTCCCAGGAGGTCTGGTTT
TTATTGGAGAATGGAAGAATGGACACTTGGAAAGGAAGATGGGGCACTTGGCCTGCTTTGCTGGGGAAAT
GTTTGCCTTGGAGCAGATGGTTCCAGAAAGGATAAAGCTGGCCACTACTTAGAACTAGGGGCAGAAAT
GCACGAACATGTCATGAGTCATATGACAGAAGTGCATTGAACTAGGTCCGGAGTCATTCAAGTTTGATG
GTGCAGTGAAGCCGTGGCTGTGCGGCAGGCTGAAAAGTATTACATCCTTCGTCCAGAAGTAATTGAAAC
CTATTGGTATCTATGGCGATTTACCCACGACCAAGATACAGGCAGTGGGGCTGGGAAGCAGCACTGGCT
ATTGAGAAGTCGTCCGGTTCAGCGGTGGGTTTTCTGGTGTCAAGGATGTATACGCCCGACCCCTGTGC
ATGACGACGTGCAGCAGAGCTTTTTTCTTGTGAAACATTAATACTTGTACCTGCTGTTCTCTGGCGA
TGACCTTCTACCTTTAGACCACTGGGTGTTTAAACAGAGGGCGCACCTCTGCCGGTGTGCGCTTAGCC
AACAGCACTCTTTCAGGTAATCCTGCTGTCCGA

ACGCGTACGCGGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
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_010763.2](#), [NP_034893.1](#)

RefSeq Size: 7960 bp

RefSeq ORF: 1926 bp

Locus ID: 17156

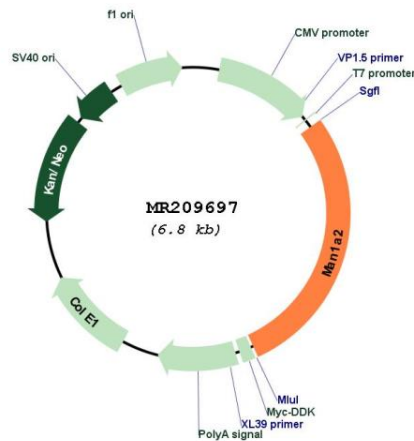
UniProt ID: [P39098](#)

Cytogenetics: 3 F2.2

MW: 73.3 kDa

Gene Summary: Involved in the maturation of Asn-linked oligosaccharides. Progressively trim alpha-1,2-linked mannose residues from Man(9)GlcNAc(2) to produce Man(5)GlcNAc(2).[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for MR209697