

Product datasheet for **SC123689**

MAN2C1 (BC010081) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	MAN2C1 (BC010081) Human Untagged Clone
Tag:	Tag Free
Symbol:	MAN2C1
Synonyms:	MAN6A8; MANA; MANA1
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	<p>>OriGene sequence for BC010081 edited</p> <pre> GGCACGAGGGGAAGCTGGAGAGCACAGCCACAGGGCAGCTGGCCCCAAAAAGCCTGCGTG GGACGGGCCGGTGGGCACATGCTGGAGGCCGCCCGTTTCCGCCCTGGGGGCCAGCTGGCC GGTGGGGCCGCACTTTCCCTGGATCCTCCGCCAAGAGGGCTGCCTGGCCGCTCCGCGGCA CAGTCCATTCCCTACCCCTCCTCCCGGCCCTGCCCTGCCCGCGGCGGCACTTTGTC CCGCGGCCCGGTGGCTGCAGCTTAGGTTTCTCCCGGAAGGAAAGCTTGAGGCGCACGG TTGCGGTGCGCCGGCTGCGGGGACCAGGGGCCACACCTGCCGCGGAGGTTACAGTCGGT AAAGTAGAGCGGCGACACGAACCTTCCACCCGCTCCAGCGTGGTGCAGTGCCTCAA GGCCGGCGCAGCCGCATCGCCGGGCTCTCGTCTCTTTCCGGAAGGCCCTGGCGCTA CCGTTCCGCTCCACGGCAGGAAACCAAAGTTCGGCGTCCAGAGGGCGCCTCCAGTCC CGGGCAGTTTTCTTGAAACACCGCGGCTCTCGGAAGCCAGCTGCTGTCTGAACCTTG AGCCGAGTTGGAAGCTAGAAACTGTTTTGAGGCTCTCCTATGTTGTCCGAAATAGTGGG CCGCAGGGAAATCTCAAATAAAATGGGAAATTTGACGATTAGAACTCTCGAAAGTCTC AAGACAGAGACTTAGGCCATTCGGCAAGACAGGCGGGAGCCTCAGCTGCTGCAGACCCAG CCTCAGAAGCAGCAACCGGGAGACCTCTGGCTCTAGCTGTGCGGTGAACACGGAAAGTGGT GTTTGCTTAACGTGGAGCCAGACTACCCGGAATAGGTGTTTTATACCGGACGGAGATCA GGGTGTTAGTGAGCAGGTGGTAGAGCTTACGCCAAGTTACTACGACTTACTCGATTA CACGCTTACTGAATGTATATTGCTAACTTTGCACATCACCAGAACTCTGGAGTTTGA GGTGGCAGAACAGTCATGGCATTGACGATCCCAATGGAAAAATGATTTACCATACAGG ACTGTAGAGTCCCGGGAAGCCATAATACCAGAAACAGACCTCCAGTTTCACTTCTATCCC TAGTACTCCAAGTACAGCTTTATTTTTTTCTCCTGGGGTTGCCAAGAGTCTTTGTCTAT AAAATCATTAGGAACAAAAAATACACAAGATTAGCCCTGATTTTTAATGGAATAC TGACCAAGTTTACAACATTTCAATGCAGATCACACGAAAGGTGACTAAGTACAGAATA ACAAATGTGATTTAAACAAAGATAACCTGCTGCTGCATATAATACAGGTTGGGTTTGA GCTTGGAGCTCAGATGTCAGACAGCAGGAGGAATAAAAAATGCTACTTGTGAAAAA AAAAAAAA </pre>



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5' Read Nucleotide Sequence:	>OriGene 5' read for BC010081 unedited NNAAATAGCGTACATTATTTGTATACGACTCACTATAGGCGGCCGGAATTCGCACGAGG GAAGCTGGAGAGCACAGCCACAGGCAGCTGGCCCCAAAAAGCCTGCGTGGGACGGGCCGG TGGGCACATGCTGGAGGCCGCCCGTTTCCGCCTGGGGCCAGCTGGCCGGTGGGGCCGC ACTTTCCCTGGATCCTCCGCCAAGAGGGCTGCCTGGCCGCTCCGCGGCACAGTCCATTCC CTACCCCTCCTCCCGGCCCTGCCCTGCCCGCGGGGCACTTTGTCCCGCGGCCCGG GTGGCTGCAGCTTAAGTTTCTCCCGGAAGGAAAGCTTGAGGCGCACGGTTGCGGTCGGC CGGCTGCGGGGGACAGGGGCCACACCTGCCGCGAGGTTACAGTCGGTAAAGTAGAGCG GCGACACGAACCTTCTCCACCCGCTCCAGCGTGGTGCGCCAGTGCTTCAAGGCCGGCGCAG CCGCCATCGCCGGGCTCTCGCTCCTTTCCGGAAGGCCCTGGCGCTACCGTTCCGCTC CACGGCAGGAAACCAAAGTTCCGGCGTCCAGAGGGCGCCTCCAGTCCCGGGCAGCTTT TCTTGGAAACCCGGCGCTCTCGAAGCCAGCTGCTGTCTGAACTTGAGCCGAGTTGG AAGCTAGAAACTGTTTTGAGGCTCTCCTATGTTGTCCGAAATAGTGGCCCCGAGGAAA ATCTCAAATAAAATGGGAAATTTGACGATTAGAACTCTCGAAAGTCTCAAGACAGAGAC TTAGGCCATTCGCAAGACAGGGGAGCCTCACCTGCTGCAGACCCAGCCTCAAAAACA GCAACCGGGGAGACCTCTGGCTCTAACTGTCGGGTGACCACGGAAGA
Restriction Sites:	Please inquire
ACCN:	BC010081
Insert Size:	1449 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:	BC010081.1 , AAH10081.1
RefSeq Size:	1449 bp
Locus ID:	4123
Cytogenetics:	15q24.2
Protein Families:	Druggable Genome
Protein Pathways:	Other glycan degradation
Gene Summary:	Cleaves alpha 1,2-, alpha 1,3-, and alpha 1,6-linked mannose residues from glycoproteins. Involved in the degradation of free oligosaccharides in the cytoplasm.[UniProtKB/Swiss-Prot Function]