

Product datasheet for **SC124684**

MAN2B2 (NM_015274) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	MAN2B2 (NM_015274) Human Untagged Clone
Tag:	Tag Free
Symbol:	MAN2B2
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL6</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF within SC124684 sequence for NM_015274 edited (data generated by NextGen Sequencing)

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ATGGGGCAGCTGTGCTGGCTGCCGCTGCTGGCACCGCTCCTGTTGCTGCGACCGCCAGGG
GTCCAGTCCGCCCGCCCATCCGGGCTTCGTGGTGCCCCACAGCCACATGGACGTGGGC
TGGGTCTACACTGTGACGAAAGCATGCGGGCGTACGCCGCAATGTCTACACCTCAGTG
GTGGAAGAGCTGGCCCGCGCCAGCAGCGCCGGTTCATCGCTGTGGAGCAGGAGTTTTTC
CGGCTGTGGTGGGATGGCGTCCGCTCGGACCAGCAGAAATACCAGGTCCGCCAGCTCCTG
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AACCCGCTGGCCTGGACGGTACCACCATCGTACCCTGACTGTTGGTTTCCCTGGAGTC
CGCGTACAGATGAGCGGGCCACCCAGTGCCCTCGCAGATCCAGAATCAACAGAGACC
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AACATCAGACCCACTGCAGGGGCCAAGAGGGCACCCAGGAGCCGGCTGCCACTGTGGCG
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TTGAGCATGCTGCACCGCTGGAGCTGGAGGACGGGGCTGGCCGCCACAGAGGTGACACC
ACCTCTCCCTCGAGGCCACCAGGAGGCCCATCATCACCGTCCACCCAAAGGAAATCCGG
ACGTTCTTTATTCACTTTCAACAGCAGTGA
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Clone variation with respect to NM_015274.1
958 g=>a

5' Read Nucleotide Sequence:

>OriGene 5' read for NM_015274 unedited
GCACGAGGCAGGGATGGGGCAGCTGTGCTGGCTGCCGCTGCTGGCACCGCTCCTGTGCT
GGGACCGCCAGGGGTCCAGTCCGCGGCCCCATCCGGGCCTTCGTGGTGCACACAGCCA
CATGGACGTGGGCTGGGTCTACACTGTGCAAGAAAGCATGCGGGCGTACGCCCAATGT
CTACACCTCAGTGGTGAAGAGCTGGCCCGGCCAGCAGCGCCGGTTCATCGCTGTGGA
GCAGGAGTTTTTCCGGCTGTGGTGGGATGGCGTCGCTCGGACCAGCAGAAATACCAGGT
CCGCCAGTCTGGAGGAAGGACGCTGGAATTTGTCATCGGAGGCCAGGTATGCATGA
CGAGGCTGTGACGCACCTTATGACAGATCCTGCAGCTCACAGAAGGACACGGGTTTCT
CTATGAAACATTTGGGATCCGGCCACAGTTCTCCTGGCACGTTGACCCGTTTGGCGCCTC
TGCCACGACGCCACCCTATTTGCGCTGGCGGGCTTCAATGCCACCTCGGCTCCCGGAT
CGACTACGACCTGAAGGCAGCCATGCAGGAGGCCCGGNGGCTGCAGTTTCGTGTGGCGAGG
GTCCCATCCCTCTCAGAGCGCAGGAAATCTCA

Restriction Sites:

NotI-NotI

ACCN:

NM_015274

Insert Size:

4100 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_015274.1](#), [NP_056089.1](#)

RefSeq Size: 4242 bp

RefSeq ORF: 3030 bp

Locus ID: 23324

UniProt ID: [Q9Y2E5](#)

Cytogenetics: 4p16.1

Protein Families: Druggable Genome, Secreted Protein

Protein Pathways: Other glycan degradation