

## Product datasheet for **SC332398**

### MAN2C1 (NM\_001256494) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	MAN2C1 (NM_001256494) Human Untagged Clone
Tag:	Tag Free
Symbol:	MAN2C1
Synonyms:	MAN6A8; MANA; MANA1
Vector:	pCMV6-Entry (PS100001)



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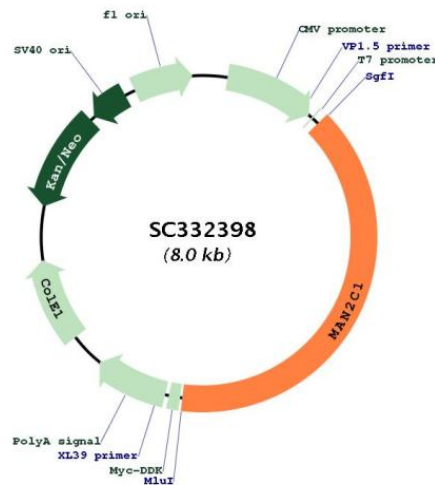
**Fully Sequenced ORF:** >SC332398 representing NM\_001256494.  
 Blue=Insert sequence Red=Cloning site Green=Tag(s)

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Restriction Sites: SgfI-MluI

Plasmid Map:



ACCN: NM\_001256494

Insert Size: 3174 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\\_001256494.1](#)

RefSeq Size: 3342 bp

RefSeq ORF: 3174 bp

Locus ID: 4123

UniProt ID: [Q9NTJ4](#)

Cytogenetics: 15q24.2

Protein Families: Druggable Genome

<b>Protein Pathways:</b>	Other glycan degradation
<b>MW:</b>	117.2 kDa
<b>Gene Summary:</b>	<p>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]</p> <p>Transcript Variant: This variant (2) uses two alternate splice sites in the 3' coding region, compared to variant 1. This results in a shorter protein (isoform 2), compared to isoform 1. Isoform 2 also contains a short frame-shifted region compared to isoform 1.</p>