

Product datasheet for **RN208924**

Manea (NM_080785) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Manea (NM_080785) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Manea
Synonyms:	Enman
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN208924 representing NM_080785
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCAAAATCCGAAGAAGACCTGCATCATTTTTGTCACATTTTTATTGTATTTATTTCTCTCTGATGA
 TGGGCTTAAAGATGCTGTGGCCAAACGCAGCATCCTTTGGACCTCGTTTGGACTTGACCTCCTCCAGA
 ACTCCGTCACCGAATACCCACTTGGAAAAACAAGCCGACTTCCAAAGGAGTGATCGAATCGACATGGAA
 ACAAACACCAAGGATTTGAAAGGGGCTGGTGTGACTGTGCACCCACCCAGAGCCTCTGAGGTGAACCTGG
 AAGAACTGCCTCCACTGAACTATTTGTACATGCATTTTATTACAGTTGGTATGGAAACCCACAGTTCGA
 TGGTAAATACGTACACTGGAACCATCCAGTCTGGAACACTGGGACCCTAGAATAGCCAAGAAGTATCCA
 CAAGGAAGACATAGTCTCCAGATGACATTGGCTCCAGTTTTTATCCTGAGTTAGGAAGTTACAGCTCCC
 GAGACCCTTCTGTCATAGAACTCACATGAAACAATGCGCTCAGCCTCCATTGGAGTACTGGCCCTGTC
 TTGGTACCCACCTGATGCAAGTGACGAGAATGGAGAAGCTACTGATTACTTGGTACCAACTATTTTGGAT
 AAAGCTCATAAATAATCTGAAGGTCATTTTACATAGAACCATATAGCAATCGAGATGACCAAAACA
 TGCATCAAAATGTGAAGTATATTATAGCAAGTATGAAACCATCCAGCCTTTTATAGGTACAAGACCAG
 GATGGGGCATTCTCTACCCATGTTTTATCTATGATTCTTATATACAAAGCCTAAAACATGGGCCAAT
 CTATTAACACCCTCAGGATCTCAGAGTGTTCGCGGTTCTCCTTATGATGGCTTGTATTGCACTTCTAG
 TAGAAGAAAAGCATAAATACGATATTCTCAAAGTGGTTTTGATGGAATTTACACATATTTTGCCACAAA
 TGGCTTTACATATGGCTCATCTCATCAGAATTGGAATAAACTGAAATCATTTTGTGAAAAGAACAACATG
 ATATTTATCCCAAGTGTAGGCCAGGATACATAGATAACAAGCATCCGTCATGGAACACTCAGAACACCC
 GGAACAGAATCAATGGGAAATATTATGAAGTTGGACTAAGCGCTGCACTCCAGACCCAGCCAGTTAAT
 CTCATCACCTCTTTCAATGAGTGGCATGAAGGGACTCAAATCGAAAAGGCTGTCCCAAAAAGAAGTCT
 AACACGGTATACCTGGATTACCGCCTCATAAGCCAAGTCTTTACCTAGAATAACTCGAAAATGGTCTG
 AAAAATACAGTAAGGAAAGAATGACGTATGCATTGGATCAACAGCTGCCTGCTTCA**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_080785
- Insert Size:** 1389 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_080785.2](#), [NP_542963.2](#)
RefSeq Size: 1389 bp
RefSeq ORF: 1389 bp
Locus ID: 140808
UniProt ID: [Q5GF25](#)
Cytogenetics: 5q21
Gene Summary: an enzyme involved in early N-linked oligosaccharide processing [RGD, Feb 2006]