

Product datasheet for **MR207377**

Manea (NM_172865) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Manea (NM_172865) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Manea
Synonyms:	4932703L02Rik
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

ORF Nucleotide Sequence:

>MR207377 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGCAAAATTTGAAGAAGGACCTGCATCCTTTTGTCACTTTTTATTCTATTTATTTTTCTCTGATGA
 TGGCTTAAAGATGCTGTGGCCAAACGCAGCATCCTTTGGACTCCTTTTGGACTTGACCTCCTCCAGA
 ACTTCATCCACTAAATGCGCATTTCGGGAAACAAAGCTGACTTCCAAAGGAGTGATAGAATCAACATGGAA
 ACAAACACCAAGGCTTTAAAGGCGCTGGCATGACTGTGCTGCCAGCAAAGCCTCTGAGGTGAACCTGG
 AAGAACTACCTCCTGGAATTACTTTTTACATGCATTTTATTACAGTTGGTATGGAAATCCACAGTTTGA
 TGGTAAATATATACTGGAATCATCCGGTCTGGAACACTGGGACCCTCGGATAGCCAAGAAGTATCCA
 CAAGGACAACATAGTCTCCAGACGACATTGGCTCCAGTTTTTATCCTGAGTTAGGAAGTTACAGCTCTC
 GAGACCCTTCTGTCATAGAAACTCACATGAAACAAATGCGCTCAGCCTCAATTGGAGTTCTGGCCCTGTC
 TTGGTACCCACCTGATTCAAGGGATGACAATGGCGAAGCTACTGATCACTTGGTGCCAACCATTTTGGAT
 AAAGCTCATAAATATAATCTGAAGGTCACCTTTTACATAGAGCCATATAGCAATCGAGATGATCAAACA
 TGCATCAAAATATCAAGTATATTATAGCAAAATATGAAACCATCCAGCCTTTTATAGATACAAGACCAG
 GACTGGGCATTCTCTGCCATGTTTTATGTCTATGATTCTTACATCACAAAGCCTACAATATGGGCAAT
 CTGTTAACACCCTCCGGATCTCAGAGTGTTCGCAGTTCTCCTTATGATGGATTGTTTATTGCACTTCTAG
 TAGAAGAAAAGCATAAAAATGATATTCTCAGAGTGGTTTTGATGGTATTTACACATATTTTCCACAAA
 TGGCTTACATATGGCTCATCTCATCAGAATTGGAATAACCTGAAATCCTTTTGTGAAAAGAACAACCTTG
 ATGTTTATCCCAAGTGTAGGCCAGGATACATAGATAACAAGCATCCGACCATGGAACACTCAGAACACCC
 GGAACAGAGTCAATGGGAAGTATTATGAAGTTGGTCTAAGTGTGCACTCCAGACCCACCCAGTTTAA
 TTCCATCACCTCTTCAATGAGTGGCATGAAGGAACCAAAATTGAAAAGGCTGTCCCAAAAAGAAGTCT
 AACACGATATACCTGGATTACCGCCTCATAAGCCAAGTCTTTATCTAGAACTAACTCGAAAAGTGGTCTG
 AAAAATTCAGTAAGGAAAGAATGACGTATGCATTGGATCAACAGCAGCCTGCTTCA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>MR207377 protein sequence
 Red=Cloning site Green=Tags(s)

MAKFRRTCILLSLFILFIFSLMMGLKMLWPNAASFGPPFGLDLLPELHPLNAHSGNKADFQRSDRINME
 TNTKALKGAGMTVLPKASEVNLEELPPLNYFLHAFYYSWYGNPQFDGKYIHWHPVLEHWDPRIAKNYP
 QGQHSPDDIGSSFYPELGSYSSRDPSVIETHMKQMRASIGVLALSWYPPDSRDDNGEATDHLVPTILD
 KAHKYNLKVTFHIEPYSNRDDQNMHQNIKYIIDKYGNHPAFYRYKTRTGHSLPMFYVYDSYITKPTIWAN
 LLTPSGSQSVRSPYDGLFIALLVEEKHKNDILQSGFDGIYTYFATNGFTYGSSHQNWNNLKSFCEKNNL
 MFIPSVPGYIDTSIRPWNTQNRNRVNGKYEYVGLSAALQTHPSLISITSFNEWHEGTQIEKAVPKRTA
 NTIYLDYRPHKPSLYLELTRKWSEKFSKERMTYALDQQQPAS

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:

Sgfl-Mlul

Cloning Scheme:


ACCN: NM_172865

ORF Size: 1389 bp

OTI Disclaimer: The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

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_172865.2](#), [NP_766453.2](#)

RefSeq Size: 4645 bp

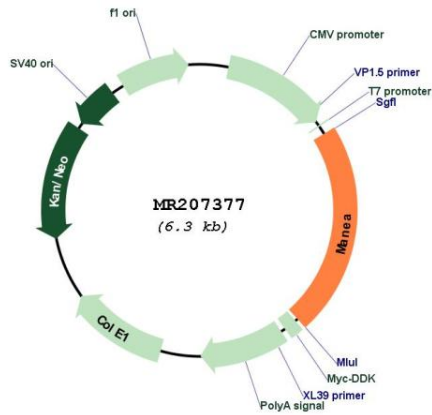
RefSeq ORF: 1389 bp

Locus ID: 242362

UniProt ID: [Q6NXH2](#)

Cytogenetics: 4 A3
 MW: 53.2 kDa

Product images:



Circular map for MR207377