

Product datasheet for **MR209391**

Mynn (NM_030557) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Tag:	Myc-DDK
Symbol:	Mynn
Synonyms:	2810011C24Rik; AA415053; AI661031; AW049392; Mynr; SBBIZ1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



ORF Nucleotide Sequence: >MR209391 ORF sequence
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGCAGTATTCACACCACTGTGAGCACCTTTAGAGAGACTGAATAAGCAACGGGAAGCGGGATTTCCTT
GCGACTGTACCGTAGTGATTGGAGAATTCAGTTTAAGGCGCATAGGAATGTGCTTGCTCCTTTAGTGA
GTATTTTGGGGCGATCTACAGAAGCACTTCTGAGAACATGTTTTCTTGATCAGAGTCAGGTGAAGGCT
GACGGATTTAGAACTGTTGGAGTTTATATACAGGAACCTTAAATCTCGACAGTTGGAATGTTAAAG
AAATCCATCAGGCTGCTGACTATCTCAAAGTAGAAGAGGTAGTAACATAATGTAATAAAGATGGAGGA
TTTCGCTTTTCATTGCTAGTCCCTCTTACCAGAAATATCTAGTATTACTGGAAACATCGAATTGAATCAA
CAGGCCTGTCTTACCTGCGAGATTATAACAATCGGGAGAAATCAGAAGTCTCCACGGACTCAGTTC
AGGCAAAACCTAAACACGGGCATTGACAAAGAAATCGTCTCAAAGTAAAAAGAAAGAGGCCTTCAG
TTCTCAGAAACAGGGCAGAGCAAGCAGTGCAGTACCCAGTGACGTTCTAGAGAGCGCTCTGTGGAA
TTATTCCTAGAGACGAGCAAGTTGTCTCACCTGTAGTAGCAAAATCATTCAAGGAAATGACAGTTCAG
AACTTGAGTTGACCTCGGTTGTGGAAATACTTTTCAACCCAAGATATTGTGCAAACTGTTACAGTCAA
ACGGAACGTCGGAATACAGTGCATTTGTCTGAAAGAACTCCATGTCTAACATAGCCAGTGTA
AAGAGTCCATATGAGCTGGAGAAGCGGGGAAGAGCTGGATGCAAGGTTTCCAAGGCCAAGCCAATGT
GCAACACTTGCAGGAAGGTGTTTTTCGGAAGCCAGCAGCCTGCGAAGGCACATGAGAAATACAAAGGAGT
CAAGCCCTACGCTGCCACTTGTGTGAAAGGCATTTACCCAGTGCAACCAACTAAAGACGCATGTGAGG
ACTCACACAGGGGAAAGGCCATATAAATGTGAAGTGTGTGATAAAGGATTTGCTCAGAAATGCCAGCTGG
TCTTCCATAGTCGATGCATCATGGTGAGGAAAAACCTATAAATGTGATGTGTGCAATTTACAGTTTGC
AACTTCTAGCAACCTCAAGATTCATGCAAGGAAACACAGTGGAGAAAAGCCATATGTTTGTGATAGATGT
GGGAGAGATTTGCCAGGCCAGCAGCTGACCTATCATGTCCGACAGACACTGGAGAAAAGCCTTATG
TGTGCGACACCTGCGGAAAGGCATTTGCTGTCTAGCTCTCTTATCACTATTCTCGGAAACACACAGG
TGAAAAACCATACATATGTGGTATTTGTGGGAAAAGTTTATTTCTCAGGAGAGCTCAACAAACACTTT
CGATCCCATACAGGAGAACGACCAATTTATCTGTGAATTATGTGGAACTCATACACAGACATTAATAAAT
TAAAGAAGCATAAACAAAGGTCCATTCTGGTACTGATAAAATCCAGATTGCAGTGTAGATGACCATGC
TGTAAGCGAACAAGACTCCGTACAGAGAAGTCCCTTGTGAGAACTAGATGTGAAGCCTTCTGATATG
ACTCTACCCTTAGCGCTTCCACTTGGGACTGAAGACCACAGATGCTCCTGCTGCACGGACAGTCAGT
CTCCTGCATCAGACACGCTGCTGAGGTCCACGGTGAATGGTACTCGGAACCGCAGTTGATTTTTTACA
ACAGTTGTAC

ACGCGTACGCGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >MR209391 protein sequence
Red=Cloning site Green=Tags(s)

MQYSHHCEHLLRLNKQREAGFLCDCTVVIQEFQKAHRNVLASFSEYFGAIYRSTSENNVFLDQSQVKA
DGFQKLLEFIYTGTLNLDSDWNVKEIHQAADYLVKEEVVTKCKIKMEDFAFIASPSSTEISSITGNIENQ
QACLLTLRDYNNREKSEVSTDVQANPKPRALTKKSSQSKKKKAFSSQKPGQSKAVQYPSDVLESASVE
LFLETSLSSPVVEQIIQGNDSSELELTSVVENTFPTQDIVQTVTVKRKRKSSQSHCALKEHSMSNIASV
KSPYELENAGEELDARFSKAKPMCNTCGKVFSEASSLRHMRHKGKPYVCHLCGKAFTQCNQLKTHVR
THTGERPYKCELCDKGFAQKQQLVFHSMHHGEEKPYKCDVCNLQFATSSNLKIHKHSGEKPYPVCDRC
GQRFQASTLTYHVRHTGEKPYVCDTCGKAFVSSSLITHSRKHTGEKPYICGICGKSFISSELNKH
RSHTGERPFICELCGNSYTDIKNLKHKTKVHSGTDKNPDCSVDDHAVSEQDSVQRSPLSETLDVKPSDM
TLPLALPLGTEDHQMLLPVTDSPASDTLLRSTVNGYSEPLIFLQQLY

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_030557

ORF Size: 1830 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.

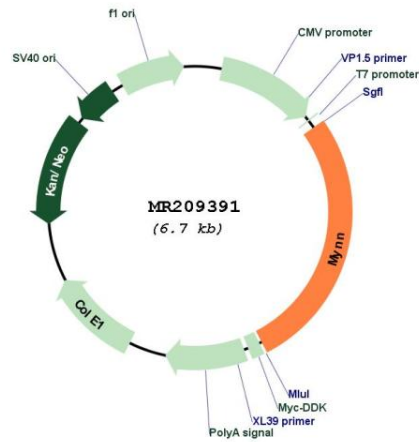
Note: Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.

RefSeq: [NM_030557.3](#)

RefSeq Size: 5550 bp

RefSeq ORF: 1833 bp
 Locus ID: 80732
 UniProt ID: [Q99MD8](#)
 Cytogenetics: 3 A3
 MW: 68.6 kDa

Product images:



Circular map for MR209391