

Product datasheet for **MR200983**

Magohb (NM_025564) Mouse Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Magohb (NM_025564) Mouse Tagged ORF Clone
Tag: Myc-DDK
Symbol: Magohb
Synonyms: 2010012C16Rik; Mago; Magoh; Magoh-rs1
Mammalian Cell Selection: Neomycin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
ORF Nucleotide Sequence: >MR200983 ORF sequence
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGGTAGTGATTTCTACCTTCGCTACTACGTCGGGCATAAGGGCAAGTTTGGGCACGAGTTTTGGAGT
TCGAGTTTCGGCCGACGGGAAGCTTAGATATGCCAACACAGTAATTATAAAAAAGACGTGATGATCAG
AAAAGAGGCCTATGTCCACAAGAGTGTAATGGAAGAACTGAAGAGAATTATTGACGACAGTGAAATTACA
AAAGAGGACGACGCTCTGTGGCCACCCCTGACAGGGTTGGCCGGCAGGAACTTGAAATCGTAATTGGGG
ATGAACACATTTCTTTACCACGTCAAAAATAGTTCTCTTATTGATGTAATCAGTCAAAGGATCCTGA
AGGCCTTCGTGATTTTACTATTTGGTACAAGACTTGAAATGCTTAGTGTTGAGCCTCATTGGTCTACAC
TTCAAGATTAAGCCAATT

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >MR200983 protein sequence
Red=Cloning site Green=Tags(s)

MGSDFYLRYYVGHKGFHEFLEFEFRPDGKLRVYANNVNDVMIRKEAYVHKSVMEELEKRIIDDSEIT
KEDDALWPPDRVGRQLEIVIGDEHISFTTSKIGSLIDVNSKDPGLRVFYLVQDLKCLVFLSLIGLH
FKIKPI

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: Sgfl-MluI



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Cloning Scheme:


ACCN: NM_025564

ORF Size: 441 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_025564.1](#), [NP_079840.1](#)

RefSeq Size: 766 bp

RefSeq ORF: 447 bp

Locus ID: 66441

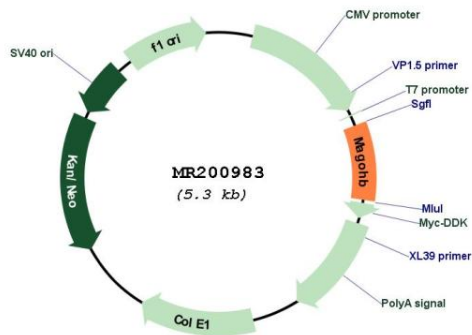
UniProt ID: [Q9CQL1](#)

Cytogenetics: 6

MW: 17.1 kDa

Gene Summary: Required for pre-mRNA splicing as component of the spliceosome. Plays a redundant role with MAGOH in the exon junction complex and in the nonsense-mediated decay (NMD) pathway.[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for MR200983