

Product datasheet for **MC204689**

Magohb (NM_025564) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Magohb (NM_025564) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Magohb
Synonyms:	2010012C16Rik; Mago; Magoh; Magoh-rs1
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>BC027505 GCGCCGGCGGCACGTTGGCCCCGGGTATAGCGGGCTTTACCGAGGGTAAAAATGTCTATGGGTAGTGAT TTCTACCTTCGCTACTACGTCGGGCATAAGGGCAAGTTTGGGCACGAGTTTTGGAGTTCGAGTTTCGGC CGGACGGGAAGCTTAGATATGCCAACACAGTAATTATAAAAATGACGTGATGATCAGAAAAGAGGCCTA TGTCCACAAGAGTGAATGGAAGAACTGAAGAGAATTATTGACGACAGTGAAATTACAAAAGAGGACGAC GCTCTGTGGCCACCCCTGACAGGGTTGGGCGGCAGAACTTGAAATCGTAATTGGGGATGAACACATTT CTTTTACCACGTCAAAAATAGGTTCTCTTATTGATGTAATCAGTCAAAGGATCCTGAAGGCCTTCGTGT ATTTTACTATTTGGTACAAGACTTGAAATGCTTAGTGTTGAGCCTCATTGGTCTACACTTCAAGATTAAG CCAATTTGAATGGGATGTTTTGAGATTATTTATATTTAATTAAGGAAGGGTTTTCTATTGGCAATT TTGGGATTTTTATGAATGTGAACTTTTATATATAAACTCAATATATGAAAAAAAAAAAAAAAAAAAAAA AA
Restriction Sites:	EcoRI-NotI
ACCN:	NM_025564
Insert Size:	441 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).



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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: [BC027505](#), [AAH27505](#)

RefSeq Size: 632 bp

RefSeq ORF: 441 bp

Locus ID: 66441

UniProt ID: [Q9CQL1](#)

Cytogenetics: 6

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]
Transcript Variant: This variant (1) encodes the longer isoform (1). CCDS Note: The coding region has been updated to extend the N-terminus to one that is also supported by available conservation data. The use of an alternative upstream start codon would result in a protein that is 2 aa longer.