

Product datasheet for **MR213500**

Map10 (NM_028908) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Map10 (NM_028908) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Map10
Synonyms:	4933403G14Rik; AI835009; mKIAA1383
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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**ORF Nucleotide
Sequence:**

>MR213500 representing NM_028908
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

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 TCTACAGTGTGTCTCAAATGCACGCTTCTGGAGGGCTCAGAGCCATGTGCCAAGGATACCAACAGCTGG
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Protein Sequence: >MR213500 representing NM_028908
Red=Cloning site Green=Tags(s)

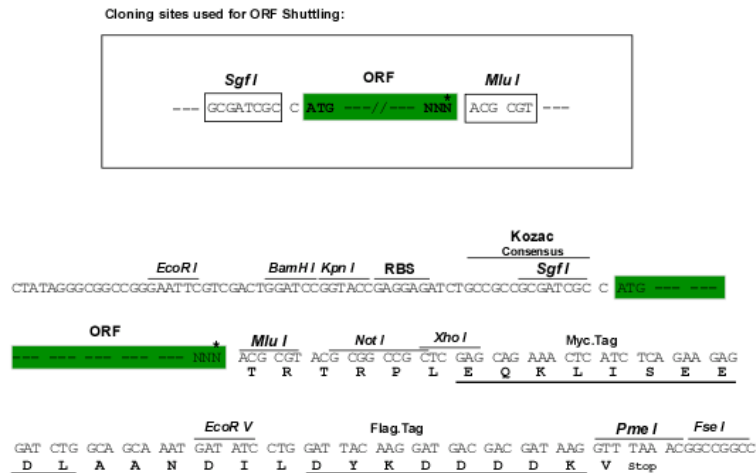
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HDSLEEASSLSTDFSSQWTNEKENQADPGSSKVMRKGDSSTKLKVRAGHSSEKSSQSPRTSQVSSYEP
SNLSELELKAIDSDLADFQEEEDGLGSLRISRQCKDICELVINKLPGYTV

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:

SgfI-MluI

Cloning Scheme:

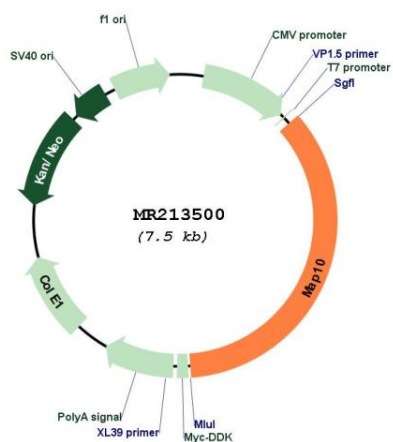


* The last codon before the Stop codon of the ORF

ACCN: NM_028908

ORF Size:	2673 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_028908.3 , NP_083184.1
RefSeq Size:	3548 bp
RefSeq ORF:	2676 bp
Locus ID:	74393
UniProt ID:	Q8BJS7
Cytogenetics:	8 E2
MW:	96.2 kDa
Gene Summary:	Microtubule-associated protein (MAP) that plays a role in the regulation of cell division; promotes microtubule stability and participates in the organization of the spindle midzone and normal progress of cytokinesis.[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for MR213500