

## Product datasheet for MR213912

### 4932438H23Rik (NM\_028905) Mouse Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	4932438H23Rik (NM_028905) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	4932438H23Rik
Synonyms:	4931406G06Rik; AI550392
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>MR213912 ORF sequence Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGGACTGGCTCATGAGGGAGAAACAGGAACACACCAGTCCATGCTGGACAAGAATGACATCACCTTCCA  
GCTTCTGCCTCCTTCTGCTCCAAGCGCTAGGCATCGTTGCCCTTGGCCACTTCACAAAAGCTCAGAACAA  
CACACTGATTTTCACAAAAGGAAATACCATTGCAACTGCAGCTGCCAGTAGACATCAGGGACTGTGAC  
TACAGTTTGGCTAACTTGATATGCAGCTGAAGTCTATCCTGCCTTCTGCCATGGAGCAAACCAGCTATC  
ATGGCCATCTGACCATCTGGTTCACAGATATATCCACATTGGGCCACGTGCTGAAGTTCACTCTGGTCCA  
AGACTTGAAGCTTCCCTATGTGTTCCAGCACCTTCCCACCAAGTACCTGGCTATCTGTGGGCTGCAG  
AGGCTTCGCATCCATACTAAGGCCAGGCATCCCTCCCGGGGCGAGAGTTTGTCTACCCAGCAGAAGGG  
AAGGCAGTTCTTGTACAAAGGCTGGCAAACATGTATGTTTCATCTCATTCTTAGATGTGGCTCTTTTCAA  
CGGGGACTCATCTTTAAAGTCATACAGTATTGACAACATTTCTAGCCTCGCCAGTGACTTTCCTGACTTT  
TCTTACTTTAAAACGTCCCCAATGCCAAGCAACAGAAGCTATGTTGTCACAGTTATTTAC

**ACGCGT**ACGCGGCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA



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**Protein Sequence:** >MR213912 protein sequence  
Red=Cloning site Green=Tags(s)

MDWLMREKQEHTSPCWTRMTSPSSFCLLLLQALGIVALGHFTKAQNNTLIFTKGNTIRNCSCPVDIRDCD  
 YSLANLICSKSILPSAMEQTSYHGHLTIWFTDISTLGHVLKFTLVQDLKLSLCGSSTFPTKYLAICGLQ  
 RLRIHHTKARHPSRGQSLLIHSRREGSSLYKGWQTCMFIISFLDVALFNGDSSLKSYSIDNISSLASDFPDF  
 SYFKTSPMPSPNRSYVVTVIY

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

**Restriction Sites:** SgfI-MluI

**Cloning Scheme:**

Cloning sites used for ORF Shuttling:



**ACCN:** NM\_028905

**ORF Size:** 693 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\\_028905.3](#), [NP\\_083181.1](#)

**RefSeq Size:** 2684 bp

**RefSeq ORF:** 693 bp

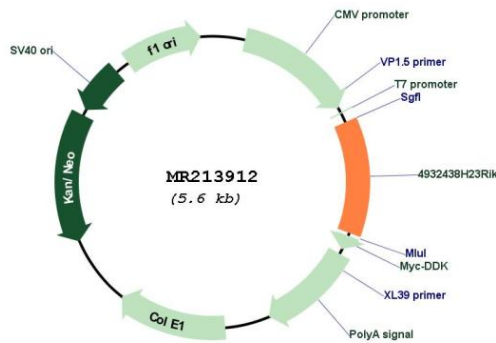
**Locus ID:** 74387

**UniProt ID:** [Q9D4G1](#)

**Cytogenetics:** 16 C3.3

**MW:** 25.9 kDa

**Product images:**



Circular map for MR213912