

## Product datasheet for **MR213539**

### 4930430A15Rik (NM\_026248) Mouse Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	4930430A15Rik (NM_026248) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	4930430A15Rik
Synonyms:	RP23-9A5.2
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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**ORF Nucleotide Sequence:**

>MR213539 representing NM\_026248  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGCATCGCC**

ATGAAGAAGATCTTGGTTCATGGAGTTAAAGAAAAGACACCATTGGGTTTCTGCGATGTCCCAAGAAAA  
 ACCTGTTGGACTTTTACGTGATATGAAAAGTATTTCTGTCCCAATGAACCGAGATACAAACCTCTCAG  
 AAAGATCCACCAGGCTGCAAGCGACGGTATACAGAGAGACTACAGAGAATGATAAGTCTTGGGAAACAC  
 AGTGTGCATGACAGAGACTTTAAGGAAAGGACTGCCCTGCATTTTGCCTGTGCCTGTGGCCAGGTGGAAG  
 TAGTAAGTATTCTATTGAGAAATAACTGTGATATTGACGCTGCTGACATGAACTTCATCACGCCTCTGAT  
 GAAGGCTGTTCAAACTGGACATATGAATGTGTGTGCATATTATTGAAGCATGGTCTGATCCAAACCGA  
 AAGGACAAAAATGGCAACTTCTCTTCACTACGCTGTGCAGAAAGATAACCAGACACTCGCCAAATGCT  
 TGCTTAAGTACAGTGCAACATGGAACAAAAGAACAAGGATGGCTTTACACCCTTTACTGGCTCTCAA  
 GAAAAACAAAATAGAGATGGCAAAGTTTTAGTAAAGATGGGGCAAATATACATGTATTTGATGACATG  
 AGAAGAAACACACTCTTATATGCCATAAGATGGGACTCAAAGATATGGTCAACCTACTTTTGGATGAAG  
 GCATTGACTTTTTCTTTAGAGATGTATTTGGGTGGACTGCATTACGGTATGCTATTGAAGGCACAAGTAA  
 AGGTAGTCGAGAGATTCTTATGAACTATGATGAAATGTTACGTAGAAAAATAAAGATGGCATTCCAGAA  
 TACAAGTTTTTTGAAGACAAGTCATTAGACAAGCATCCCAATAACCCTACTTCTGGATCTACCTTTCCTA  
 AATCAAATGAGAATGCATGCAAGTTTGTATGATGAGCTGGATATTTCTAAGTATGTTCTTGGTACGTGTC  
 TAATAATATACATGGGGCTGGAGAGGAAGGAGACAAAAGTGAACAAAAAAGCAGCAGATGTTCAAGTT  
 TGGACGAATCCTACCTTGAAGTCTTCACTAAAGGAAAGTGCCCAATCTGAATGAAGTAGGAACAATGA  
 CAGAATCACATCATTTCATAAAAAGATCAGACTTAGAAAATTGAGTCACTGGTGGAAACATTTTCATATGA  
 CAATGAAGACAAACAGTCAATGAGTGATGGACATTTTCTGGAACAACACCCAAATGGTGTCAAAT  
 GATACAAATAGAAAACTACAGTTCAAGACTGCATGTATCCTAAGTCTCCACTGAGGGGAAAA  
 TACCTACCGCAGTAAAGCAGGAAAAATGGCGGAATCAGCTATTTTATAATAGAATCAGATTTGAAAAAT  
 TGAATCTCTGGAAGAACTGTGCATGTGACAGTGAAGATAAACAACACTACTGTA

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:**

>MR213539 representing NM\_026248  
 Red=Cloning site Green=Tags(s)

MKKILVHGVEKKTPLGFCDVPRKNLLDFLRDMKSI SVPNEPRYKPLRKIHQAASDGDTERLQRMISLGKH  
 SVHDRDFKERTALHFACACGQVEVVSILLRNCDIDAADMNFITPLMKAVQNWYECVCILLKHGADPNR  
 KDKNGNTSLHYAVSEDNQLAKCLLKYSANMEQKNKDGFTPLLLALKENKIEMAKFLVKMGANIHFDDM  
 RRNTLLYAIRWDSKDMVNLLLDLDEGIDFFRDVFGWTALRYAIEGTSKGSREILMNYDEMLRRKNKDGPIE  
 YKFFEDKSLDKHPNPTSGSTFPKSNENACKFDDLDISKYVLTGCPNNIHGAGEEGDKSETKKAADVQV  
 WTNPTLKSSTKGKVPNLNEVGTMTESHFIKESDLEIESLVETFSYDNEKQSMSDDGHFSGTTPKWCQN  
 DTNRKTTVQDCMYPNLKSPTEGKIPTRSKAGKMAESAHFIIESDLEIESLEETVSCDSEDKQLLV

**TR**TRPLEQKLISEEDLAANDILDYKDDDDKV

**Restriction Sites:**

Sgfl-Mlul

**Cloning Scheme:**

Cloning sites used for ORF Shutting:



\* The last codon before the Stop codon of the ORF

**ACCN:** NM\_026248

**ORF Size:** 1455 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\\_026248.3](#), [NP\\_080524.2](#)
**RefSeq Size:** 1838 bp

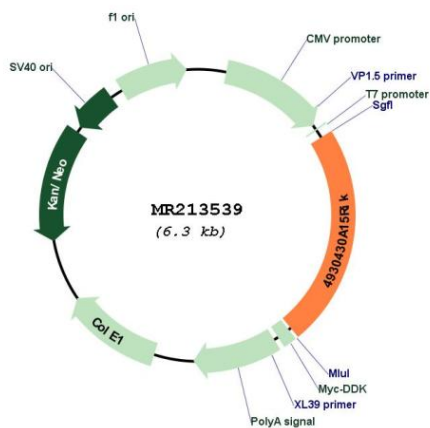
**RefSeq ORF:** 1458 bp

**Locus ID:** 67575

**Cytogenetics:** 2 E3

MW: 55.1 kDa

Product images:



Circular map for MR213539