

Product datasheet for **MG213539**

4930430A15Rik (NM_026248) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	4930430A15Rik (NM_026248) Mouse Tagged ORF Clone
Tag:	TurboGFP
Symbol:	4930430A15Rik
Synonyms:	RP23-9A5.2
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)



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ORF Nucleotide Sequence:

>MG213539 representing NM_026248
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGAAGAAGTCTTGTTTCATGGAGTTAAAGAAAAGACACCATTGGGTTTCTGCGATGTCCCAAGGAAAA
 ACCTGTTGGACTTTTTAGTGATATGAAAAGTATTTCTGTCCCAATGAACCGAGATACAAACCTCTCAG
 AAAGATCCACCAGGCTGCAAGCGACGGTATACAGAGAGACTACAGAGAATGATAAGTCTTGGGAAACAC
 AGTGTGCATGACAGAGACTTTAAGGAAAGGACTGCCCTGCATTTTGCCTGTGCCTGTGGCCAGGTGGAAG
 TAGTAAGTATTCTATTGAGAAATAACTGTGATTTGACGCTGCTGACATGAACTTCATCACGCCTCTGAT
 GAAGGCTGTTCAAACTGGACATATGAATGTGTGTGCATATTATTGAAGCATGGTGTGATCCAAACCGA
 AAGGACAAAAATGGCAATACTTCTTCTTCACTACGCTGTGCAGAAAGATAACCAGACTCGCCAAATGCT
 TGCTTAAGTACAGTGCAACATGGAACAAAAGAACAAGGATGGCTTTACACCCTTTACTGGCTCTCAA
 GAAAAACAAAATAGAGATGGCAAAGTTTTAGTAAAGATGGGGCAAATATACATGTATTTGATGACATG
 AGAAGAAACACACTCTTATATGCCATAAGATGGGACTCAAAGATATGGTCAACCTACTTTTGGATGAAG
 GCATTGACTTTTTCTTTAGAGATGTATTTGGGTGGACTGCATTACGGTATGCTATTGAAGGCACAAGTAA
 AGGTAGTCGAGAGATTCTTATGAACTATGATGAAATGTTACGTAGAAAAATAAAGATGGCATTCCAGAA
 TACAAGTTTTTTGAAGACAAGTCATTAGACAAGCATCCAATAACCCTACTTCTGGATCTACCTTTCCTA
 AATCAAATGAGAATGCATGCAAGTTTGTATGATGAGCTGGATATTTCTAAGTATGTTCTTGGTACGTGTC
 TAATAATATACATGGGGCTGGAGAGGAAGGAGACAAAAGTGAAACAAAAAAGCAGCAGATGTTCAAGTT
 TGGACGAATCCTACCTTGAAGTCTTCACTAAAGGAAAGTGCCCAATCTGAATGAAGTAGGAACAATGA
 CAGAATCACATCATTTTCATAAAAAGATCAGACTTAGAAATGAGTCACTGGTGGAAACATTTTCATATGA
 CAATGAAGACAAAACAGTCAATGAGTGATGATGGACATTTTTCTGGAACAACACCCAAATGGTGTCAAAT
 GATACAAATAGAAAACTACAGTTCAAGACTGCATGTATCCTAAGTCTCCACTGAGGGGAAAA
 TACCTACCGCAGTAAAGCAGGAAAAATGGCGGAATCAGCTATTTTCATAATAGAATCAGATTTGGAAAT
 TGAATCTCTGGAAGAACTGTGCATGTGACAGTGAAGATAAACAACACTACTGGTA

ACGCGTACGCGGCCGCTCGAG – GFP Tag – GTTTAA

Protein Sequence:

>MG213539 representing NM_026248
 Red=Cloning site Green=Tags(s)

MKKILVHGVKEKTPLGFCDVPRKNLLDFLRDMKSI SVPNEPRYKPLRKIHQAASDGDTERLQRMISLGKH
 SVHDFKERTALHFACACGQVEVVSILLRNCDIDAADMNFITPLMKAVQNWYECVCILLKHGADPNR
 KDKNGNTSLHYAVSEDNQTLAKCLLKYSANMEQKNKDGFTPLLLALKENKIEMAKFLVKMGANIHFVDDM
 RRNTLLYAIRWDSKDMVNLLEDGIDFFRDVFGWTALRYAIEGTSKGSREILMNYDEMLRRKNKDGPIE
 YKFFEDKSLDKHPNPTSSTFPKSNENACKFDDELISKYVLTGCPNNIHGAGEEGDKSETKKAADVQV
 WTNPTLKSSTKGVPNLNEVGTMTESHFIKESDLEIESLVETFSYDNEKQSMSDDGHFSGTTPKWCQN
 DTRNKTTVQDCMYPNLKSPTEGKIPTRSKAGKMAESAHIIESDLEIESLEETVSCDSEDKQLLV

TRTRPLE – GFP Tag – V

Restriction Sites:

Sgfl-Mlul

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