

Product datasheet for **MG203249**

Krt222 (BC079890) Mouse Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
 Product Name: Krt222 (BC079890) Mouse Tagged ORF Clone
 Tag: TurboGFP
 Symbol: Krt222
 Synonyms: 6330509G02Rik
 Mammalian Cell Selection: Neomycin
 Vector: pCMV6-AC-GFP (PS100010)
 E. coli Selection: Ampicillin (100 ug/mL)
 ORF Nucleotide Sequence: >MG203249 representing BC079890
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCCGCC**CGATCGCC**

ATGGACAAGGATGGGGAAGCTCTGAAGGCAGCTCAGGCTGAACTCAAGGAGGCCCGCCGGCAGTGCCACC
 ACCTGCAAGTGGAAATCGAGTCTCTCCACGCTGTGAAAGGGCCTTGAGAACTCCCTGCAGGCCAGTGA
 GCAGCATTATCAGATGCAGCTGCAAGATCTGGAGTCAGTGATTGGCAGACTGGAGAGGGAGCTGCAGGAA
 GTGAGGCGTGGCATCGAGAGGCAGCTTCGAGAGCACGAGATGCTTCTCAACACGAAGATGAGGCTGGAGC
 AGGAAATAGCCACGTACCGCCCTGCTAGAACAGGAAGAAATCAGATATTATGGTTGTATCCAAGGAGA
 GAAAAAAGAAGAAAAGCCTACCAAGAGTAAAGTTGGCTTTCTTCTCCCCTCAGCCATTATAAATGAAATC
 TCCTTTTCAACAAAAGTCTCCAAAAGTATGAAAATGAAAATATGGAGACAGTGACCAAACAGGCAGTAG
 TGAACAGAGACGTGAAGGAGAGCGCGGAGGCCACGGCACCATTAGACAGAGAAAGTGGATGAAGTTAT
 AAAAGAAATGGGAAGGTTCAATCTTTAAAGATAACCCTCGACTGAGGAAAAAGTCCGTCTCTCTCCGTTT
 GATCTCCATCTAGCAGCCACGGATGAGGGCTGTTTAGAGAGTAGACAAGATAATCTGCCAGATATCGAAG
 TCAGACTTATCATGAGAAGATCCTGCAGTATCCCTCCATCAAACCCACCAGGAACCAAC

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA



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Protein Sequence: >MG203249 representing BC079890
Red=Cloning site Green=Tags(s)

MDKDGEALKAAQAEKKEARRQCHHLQVEIESLHAVERGLENSLQASEQHYQMLQDLESVIGRLERELQE
 VRRGIERQLREHEMLLNTKMRLEQEIATYRRLLEQEEIRYYGCIQGEKKEEKPTKSKVGFLLPSAINEI
 SFSTKVSQKYENENMETVTKQAVVNRDVKESAEAHGTIQTEKVDVEIKEWEGSFFKDNPRLRKKSLSLRF
 DLHLAATDEGCLESRQDNLDPDIEVRLIMRRSCSIPSIKPPPGTN

TRTRPLE - GFP Tag - V

Restriction Sites: SgfI-MluI

Cloning Scheme:

Cloning sites used for ORF Shutting:



ACCN: BC079890

ORF Size: 764 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: [BC079890](#), [AAH79890](#)

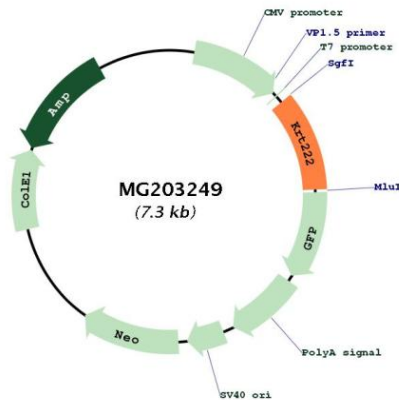
RefSeq Size: 3101 bp

RefSeq ORF: 764 bp

Locus ID: 268481

Cytogenetics: 11 D

Product images:



Circular map for MG203249