

Product datasheet for **MG202563**

Krtcap3 (BC016516) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Krtcap3 (BC016516) Mouse Tagged ORF Clone
Tag:	TurboGFP
Symbol:	Krtcap3
Synonyms:	2010001C09Rik; AW321088; Kcp3
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>MG202563 representing BC016516 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGCGCGTGGGACTCGCGCTGATCCTGGTGGGCCACGTGAACCTCCTGGTGGGAGCTGTGTTGCATGGTA
CTGTTCTGCGGCACGTGGCCAACCCCGAGGCGCGGTCACTCCTGAGTACACCACAGCCAATGTCATTTT
TGTGGTTTCGGGACTACTGAGCGTTTCAGTGGGACTTGTGGCCCTCTGGCATCCAGGAACCTTCTTCGC
CCAGACTGCACTGGGCCCTGTGACGCTGGCCTTGGTGAACCTGCTCTTGTCTGCTGCCTGCTCCATGG
GCCTCCTCCTGGCTGTATCGCTCACTGTTGCCAATGGTGGCCGCGTCTTATTGCTGATTGCCACCCAGG
ACTGATGGATCCTTCATACCGCTGGACCAGGGGCTGGACACACTGACTGCTCCTTTGATCCCACAAGA
ATTTATGATACAGCTTTGGCTCTCTGGATCCCTTCTCTGTTTATGTCTGCAGCTGAGGCTGCTCTTCTG
GTTACTGTTGTGTGGCTGCACTCACGCTACGGGGAATTGGGCCCTGCAGGAAGGAAGGTTGCAGGAACA
GCTGCAGGAAGTACAGAGCTTGAACCTCCCGAGTGTAAGGAGGAGAACGTGCAGCTGCTCCATGGC
CGTCAGGACTTCCAGGCCTTACAGAAGACCTGGGT

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA



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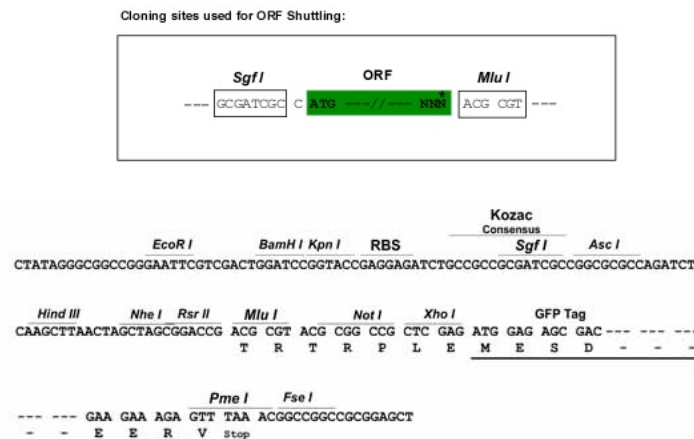
Protein Sequence: >MG202563 representing BC016516
 Red=Cloning site Green=Tags(s)

MRVGLALILVGHVNLLVGAVLHGTVLRHVANPRGAVTPEYTTANVISVGSGLLSVSVGLVALLASRNLLR
 PRLHWALLTLALVNLLSAACSMGLLLAVSLTVANGRRRIADCHPGLMDPSIPLDQGPHTDCSFDPTR
 IYDTALALWIPSLFMSAAEAALSGYCCVAALTLRGIGPCRKEGLQEQLQELTELELPECKRQENVQLLHG
 RQDFQALQKTWV

TRTRPLE - GFP Tag - V

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: BC016516

ORF Size: 666 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: BC016516.1

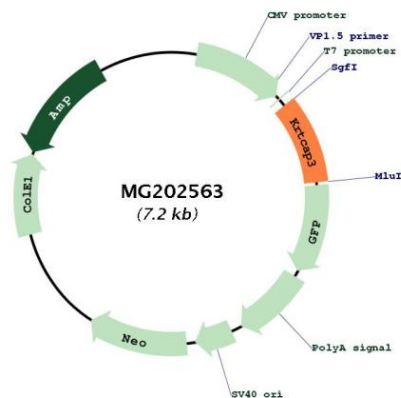
RefSeq Size: 1033 bp

RefSeq ORF: 668 bp

Locus ID: 69815

Cytogenetics: 5 B1

Product images:



Circular map for MG202563