

Product datasheet for **MG219085**

Krt84 (NM_008474) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Krt84 (NM_008474) Mouse Tagged ORF Clone
Tag:	TurboGFP
Symbol:	Krt84
Synonyms:	AV235125; HRb-1; Krt2-3; Krt2-16
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)



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ORF Nucleotide Sequence:

>MG219085 representing NM_008474
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGTCCTTGCCGCTCCTACAGAGTCAGCTCTGGCCGTCGGGTGGGAAGCTTCAGTTCTTGCTCAGCAATGG
 CCCCTCAGCATCTGAACCGCTTCCGGTCCAGCTCTGTCTCCTGCAGGAGTGGGCTGGCTTCCGGGGCTT
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 GCTTTAGGGCCAGCAGCGGTGTTGGCCTGGGTTTGGGCTGGCGGCTGCACTAGCTATGGATTCGGAGG
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 TTTCCACAATGGTGGAGTACCTTCTCCACCAGCAGCAGCATCCGTGCCACCGGAGGGGTTCTGGCTTC
 CTCAAGCCTGAGGGCTGGTGGGACCTGCTGAGCTCTGGGTCCAGAGGAGGCTCAGTGTGCTGGTGGTGT
 GCCTGTGCCCCCAGCATCCCCTGTGCACTGCCCCACTGAGGAGGCTTCAGTAGCTGCAGTGGTGGTGTG
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ACGCGTACGCGGCCGCTCGAG – GFP Tag – GTTTAA

Protein Sequence:

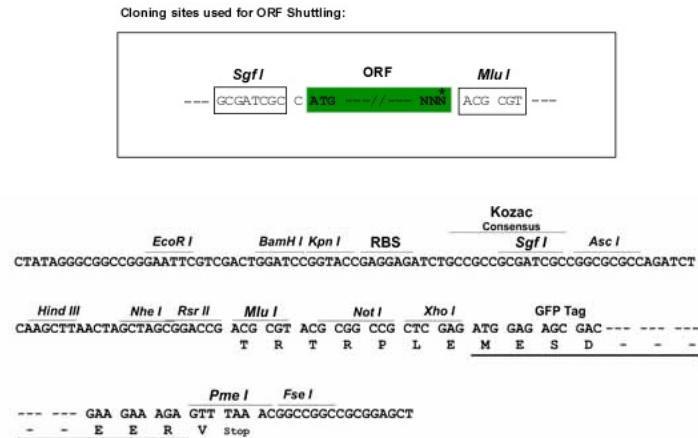
>MG219085 representing NM_008474
 Red=Cloning site Green=Tags(s)

MSCRSYRVSSGRRVGSFSSCSAMAPQHNLNFRSSSVSCRSGPGFRGLGGFGSRSVINFGSSSPRIAVGCS
 RPVRCGVFGAGSGMAFGSGDGLFRASSGVGLFGAGGCTSYGFGGPGFGGPGFGGPGFYRIGGIGGP
 SAPAITAVTVNQSLLTPLNLEIDPNAQRVKRDEKEQIKTLNNKFASFIDKVRFLQEQNKLLKTSWFLQE
 QKCARSNLEPLFDNYITNLRQLDVLSSDQARLQAERNHLQDILEGFKKKYEEVVFRANAENEFVALKK
 DVDA AFLNKS DLEANVDLTIQETFLKALYHEEIEMLQSHISETSVIVKMDNSRDLNLDGIIAEVKAQYE
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 EQQGEAALNDAKCKLADLEGALQQAQDMARQLREYQELMNVKLALDIEIVTYRRLLEGEIIRICEGVGP
 VNISVSSSRGGVLCGPPELVSGSSLSHNGVTFSTSSSIRATGGVLASSSLRAGGDLSSGSRGGSVLVGD
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TRTRPLE – GFP Tag – V

Restriction Sites:

SgfI-MluI

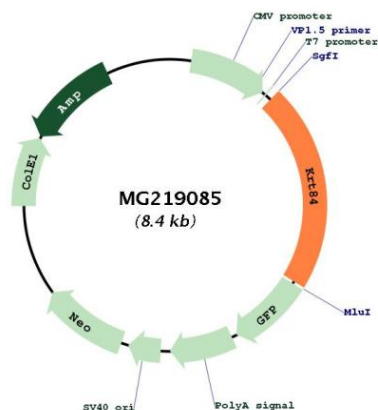
Cloning Scheme:


ACCN:	NM_008474
ORF Size:	1809 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:	NM_008474.1
RefSeq Size:	2570 bp
RefSeq ORF:	1812 bp
Locus ID:	16680

UniProt ID: [Q99M73](#)

Cytogenetics: 15 56.9 cM

Product images:



Circular map for MG219085