OriGene Technologies, Inc.
9620 Medical Center Drive, Ste 200
Rockville, MD 20850, US
Phone: +1-888-267-4436
https://www.origene.com
techsupport@origene.com
EU: info-de@origene.com
CN: techsupport@origene.cn

Product datasheet for MG202443

C030006K11Rik (NM_145472) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Tag:	TurboGFP
Symbol:	C030006K11Rik
Synonyms:	1110033I13Rik
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)

ORF Nucleotide Sequence:

>MG202443 representing NM_145472
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGTGGCCGCCTAGTGGGGCAGTGCGTAACTTGGCTCTAGTCTTGGCGAGGTCGCAGAGAGCTCGGACCT
GCAGTGGGGTCGAGCGTGTCTCCTACACACAGGGTCAAAGCCCGGAGCCCAGAACCCGCGAGTATTTCTA
CTATGTGGATCACCAAGGCCAGCTTTTCCTAGATGACTCCAAAATGAAGAACTTTATCACCTGCTTCAAA
GACCTGCAGTTCCTGGTCACTTTCTTCTCCCGTCTGAGACCCAACCACAGCGGGCGCTACGAGGCTTCCT
TCCCCTTCCTCTCGCTTTGCGGCAGAGAGCGTAACTTCCTGCGCTGTGAAGACCGGCCAGTGGTCTTCAC
GCACCTCCTGGCTTCCGACAGCGAGTCACCTCGTCTCTCCTACTGTGGCGGTGGCGAGGCGCTGGCGATA
CCCTTCGAGCCGGCTCGCTTGCTACCCCTGGCGGCCAATGGGCGCCTGTACCACCCGGCCCCGGAGCGCG
CAGGCGGTGTGGGTCTAGTGCGCTCGGCCCTGGCCTTCGAGCTCAGCGCTTGCTTCGAGTATGGGCCTAG
CTCCCCTACGGTCCCCTCTCACGTACACTGGCAAGGTCGCCGCATCGCCCTAACTATGGATCTGGCCCCG
CTGCTGCCCGCTGCCCCGCCGCCC

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

Protein Sequence:

>MG202443 representing NM_145472
Red=Cloning site Green=Tags(s)

MWPPSGAVRNLALVLARSQRARTCSGVERVSYTQGQSPEPRTREYFYYVDHQGQLFLDDSKMKNFITCFK
DLQFLVTFFSRLRPNHSGRYEASFPFLSLCGRERNFLRCEDRPVVFTHLLASDSESPRLSYCGGGEALAI
PFEPARLLPLAANGRLYHPAPERAGGVGLVRSALAFELSACFEYGPSSPTVPSHVHWQGRRIALTMDLAP
LLPAAPPP

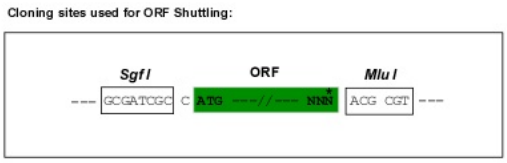
TRTRPLE - GFP Tag - V

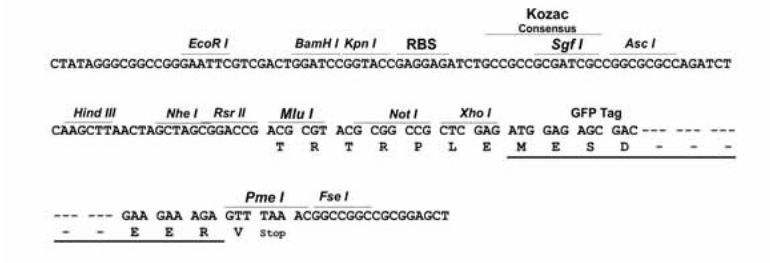
View online »

This product is to be used for laboratory only. Not for diagnostic or therapeutic use.
©2025 OriGene Technologies, Inc., 9620 Medical Center Drive, Ste 200, Rockville, MD 20850, US

Restriction Sites: SgfI-MluI

Cloning Scheme:





ACCN: NM_145472

ORF Size: 654 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_145472.2

This product is to be used for laboratory only. Not for diagnostic or therapeutic use.
©2025 OriGene Technologies, Inc., 9620 Medical Center Drive, Ste 200, Rockville, MD 20850, US

RefSeq Size: 1748 bp

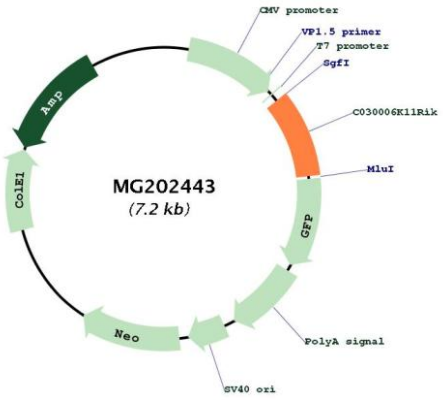
RefSeq ORF: 657 bp

Locus ID: 223665

UniProt ID: Q8VE95

Cytogenetics: 15 D3

Product images:



Circular map for MG202443

This product is to be used for laboratory only. Not for diagnostic or therapeutic use.
©2025 OriGene Technologies, Inc., 9620 Medical Center Drive, Ste 200, Rockville, MD 20850, US