

Product datasheet for **MR211139**

Gtf3c2 (NM_027901) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Gtf3c2 (NM_027901) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Gtf3c2
Synonyms:	1300004C11Rik; 2610510G03Rik; AI225816; AU041069; mKIAA0011; TFIIC110
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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ORF Nucleotide Sequence:

>MR211139 representing NM_027901
 Red=Cloning site Blue=ORF Green=Tags(s)

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 GCC**CGGATCGCC**

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Protein Sequence: >MR211139 representing NM_027901
Red=Cloning site Green=Tags(s)

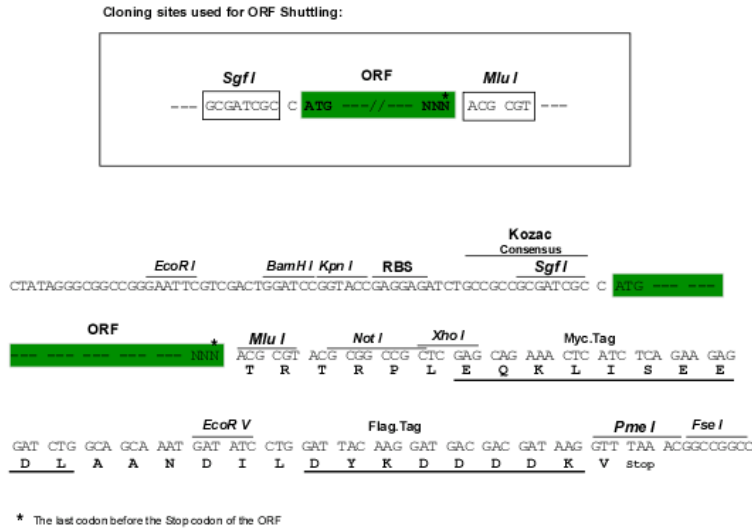
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Restriction Sites:

Sgfl-MluI

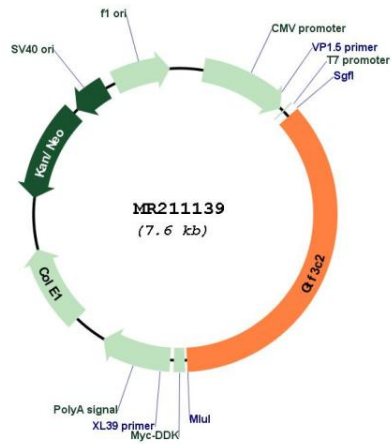
Cloning Scheme:



ACCN: NM_027901

ORF Size:	2727 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:	<ol style="list-style-type: none">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_027901.2 , NP_082177.2
RefSeq Size:	4551 bp
RefSeq ORF:	2724 bp
Locus ID:	71752
UniProt ID:	Q8BL74
Cytogenetics:	5 B1
MW:	100.7 kDa
Gene Summary:	Required for RNA polymerase III-mediated transcription. Component of TFIIC that initiates transcription complex assembly on tRNA and is required for transcription of 5S rRNA and other stable nuclear and cytoplasmic RNAs. May play a direct role in stabilizing interactions of TFIIC2 with TFIIC1 (By similarity).[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for MR211139