

Product datasheet for **MR225263**

Trpc3 (NM_019510) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Trpc3 (NM_019510) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Trpc3
Synonyms:	Mwk; Trcp3; Trp3; Trrp3
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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ORF Nucleotide
Sequence:

>MR225263 representing NM_019510.

Blue=ORF Red=Cloning site Green=Tag(s)

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Protein Sequence: >Peptide sequence encoded by MR225263
 Blue=ORF Red=Cloning site Green=Tag(s)

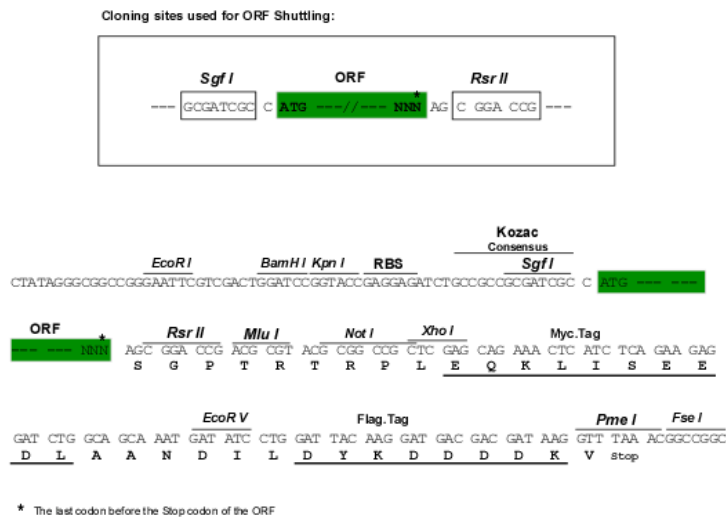
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Recombinant protein using MR225263 also available, [TP525263](#)

Chromatograms: https://cdn.origene.com/chromatograms/mm9012_e04.zip

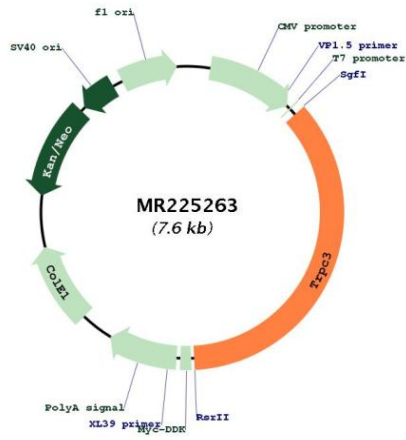
Restriction Sites: SgfI-RsrII

Cloning Scheme:



ACCN:	NM_019510
ORF Size:	2730 bp
OTI Disclaimer:	<p>Due to the inherent nature of this plasmid, standard methods to replicate additional amounts of DNA in E. coli are highly likely to result in mutations and/or rearrangements. Therefore, OriGene does not guarantee the capability to replicate this plasmid DNA. Additional amounts of DNA can be purchased from OriGene with batch-specific, full-sequence verification at a reduced cost. Please contact our customer care team at custsupport@origene.com or by calling 301.340.3188 option 3 for pricing and delivery.</p> <p>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</p>
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_019510.2 , NP_062383.2
RefSeq Size:	3694 bp
RefSeq ORF:	2733 bp
Locus ID:	22065
Cytogenetics:	3 17.93 cM
MW:	103.6 kDa

Product images:



Circular map for MR225263