

Product datasheet for **RC233150**

TNNI3K (FPGT-TNNI3K) (NM_001199327) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	TNNI3K (FPGT-TNNI3K) (NM_001199327) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	TNNI3K
Synonyms:	CARK; TNNI3K
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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**ORF Nucleotide
Sequence:**

>RC233150 representing NM_001199327
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGC**

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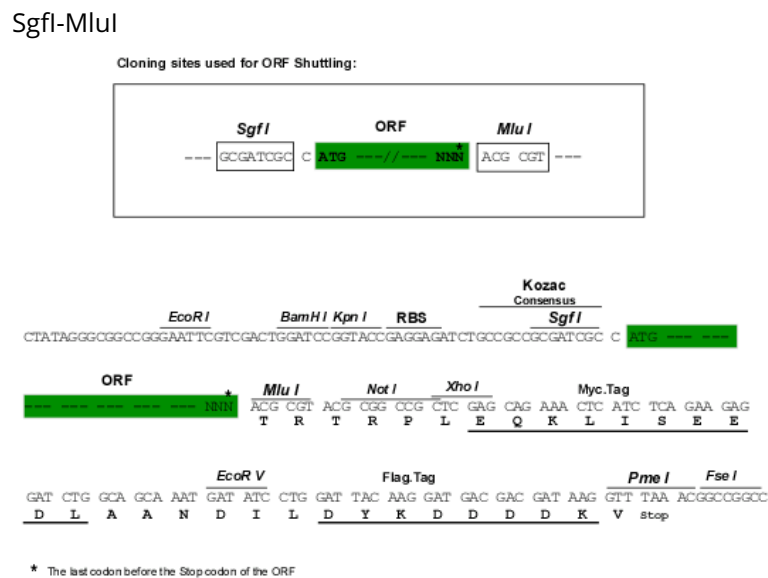
Protein Sequence: >RC233150 representing NM_001199327
Red=Cloning site Green=Tags(s)

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SGEKDEQTCMLWAYEKGHDAIVTLLKHYKRPQDELPCNEYSQPGDGSYVSVPSPLGKIKSMTKEKADIL
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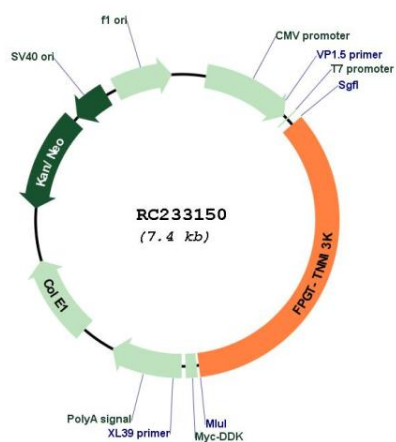
Restriction Sites:

Cloning Scheme:



ACCN:	NM_001199327
ORF Size:	2568 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_001199327.1 , NP_001186256.2
RefSeq Size:	2799 bp
RefSeq ORF:	2532 bp
Locus ID:	100526835
UniProt ID:	Q59H18
Cytogenetics:	1p31.1
MW:	96.4 kDa
Gene Summary:	This locus represents naturally occurring read-through transcription from the neighboring fucose-1-phosphate guanylyltransferase (FPGT) and TNNI3 interacting kinase (TNNI3K) genes. Alternative splicing results in multiple transcript variants that are composed of in-frame exons from each individual gene. [provided by RefSeq, Dec 2010]

Product images:



Circular map for RC233150