

Product datasheet for RC227836

TNRC6C (NM_001142640) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	TNRC6C (NM_001142640) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	TNRC6C
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>RC227836 representing NM_001142640 Red=Cloning site Blue=ORF Green=Tags(s)

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Protein Sequence:

>RC227836 representing NM_001142640
Red=Cloning site Green=Tags(s)

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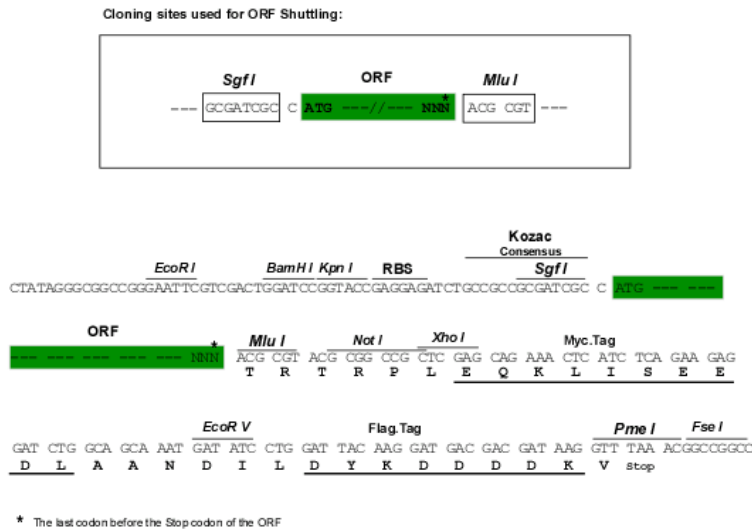
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Chromatograms:

https://cdn.origene.com/chromatograms/mk8037_d04.zip

Restriction Sites:

SgfI-MluI

Cloning Scheme:


ACCN: NM_001142640

ORF Size: 5178 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.

RefSeq: [NM_001142640.1](#), [NP_001136112.1](#)

RefSeq ORF: 5181 bp

Locus ID: 57690

UniProt ID: [Q9HCJ0](#)

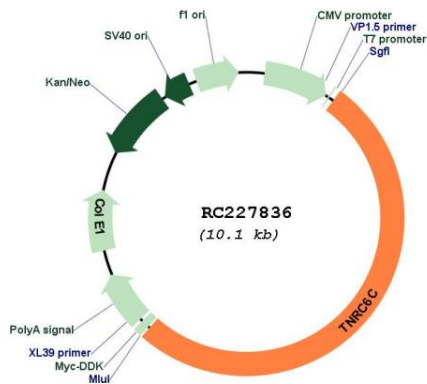
Cytogenetics: 17q25.3

Protein Families: Druggable Genome

MW: 179.1 kDa

Gene Summary: Plays a role in RNA-mediated gene silencing by micro-RNAs (miRNAs). Required for miRNA-dependent translational repression of complementary mRNAs by argonaute family proteins. As scaffolding protein associates with argonaute proteins bound to partially complementary mRNAs and simultaneously can recruit CCR4-NOT and PAN deadenylase complexes. [UniProtKB/Swiss-Prot Function]

Product images:



Circular map for RC227836