

Product datasheet for **RC218083**

THADA (NM_001083953) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	THADA (NM_001083953) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	THADA
Synonyms:	ARMC13; GITA
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
ORF Nucleotide Sequence:	>RC218083 representing NM_001083953 Red=Cloning site Blue=ORF Green=Tags(s)

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Protein Sequence:

>RC218083 representing NM_001083953
 Red=Cloning site Green=Tags(s)

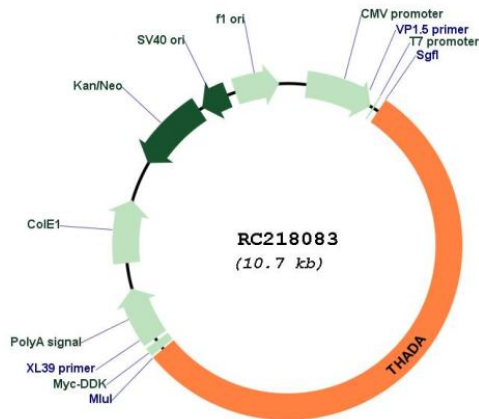
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Restriction Sites:

Sgfl-Mlul

Cloning Scheme:

Plasmid Map:


ACCN: NM_001083953

ORF Size: 5859 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:	<u>NM_001083953.1, NP_001077422.1</u>
RefSeq Size:	6346 bp
RefSeq ORF:	5862 bp
Locus ID:	63892
UniProt ID:	<u>Q6YHU6</u>
Cytogenetics:	2p21
MW:	219.4 kDa
Gene Summary:	This gene is the target of 2p21 chromosomal aberrations in benign thyroid adenomas. Single nucleotide polymorphisms (SNPs) in this gene may be associated with type 2 diabetes and polycystic ovary syndrome. The encoded protein is likely involved in the death receptor pathway and apoptosis. [provided by RefSeq, Sep 2016]