

Product datasheet for **RC212806**

THSD1 (NM_018676) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	THSD1 (NM_018676) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	THSD1
Synonyms:	ANIB12; TMTSP; UNQ3010
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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**ORF Nucleotide
Sequence:**

>RC212806 representing NM_018676
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGAAACCAATGTTGAAAGACTTTTCAAATCTATTGTTGGTGGTACTCTGTGACTATGTTCTTGGAGAAG
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Protein Sequence:

>RC212806 representing NM_018676
 Red=Cloning site Green=Tags(s)

MKPMLKDFSNLLLVLCDYVLGEAEYLLLREPGHVALSNDTVYVDFQYFDGANGTLRNVSVLLLEANTNQ
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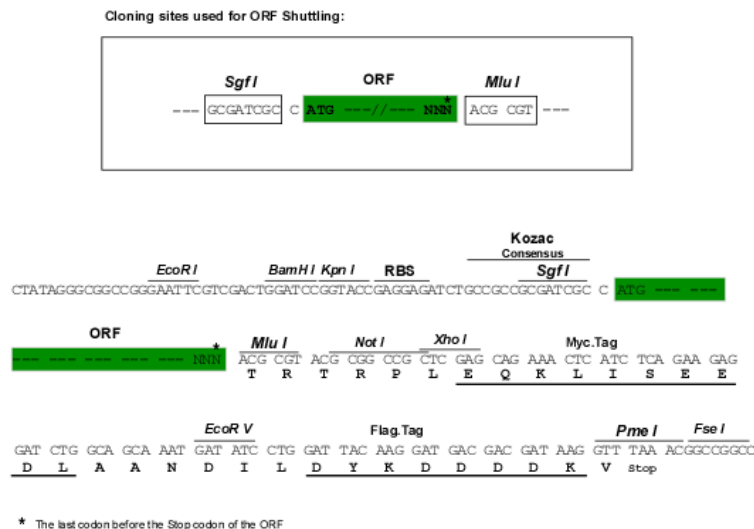
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Chromatograms:

https://cdn.origene.com/chromatograms/mk6237_h12.zip

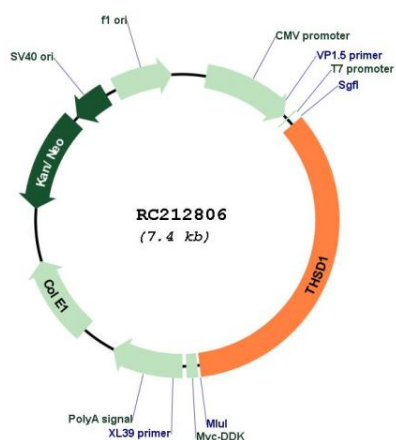
Restriction Sites:

SgfI-MluI

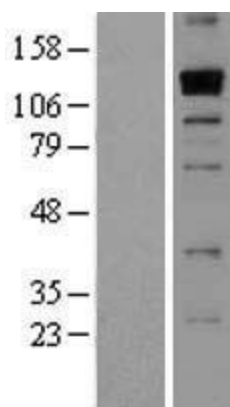
Cloning Scheme:


ACCN:	NM_018676
ORF Size:	2556 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_018676.4
RefSeq Size:	3054 bp
RefSeq ORF:	2559 bp
Locus ID:	55901
UniProt ID:	Q9NS62
Cytogenetics:	13q14.3
Domains:	tsp_1
Protein Families:	Transmembrane
MW:	94.4 kDa
Gene Summary:	The protein encoded by this gene contains a type 1 thrombospondin domain, which is found in a number of proteins involved in the complement pathway, as well as in extracellular matrix proteins. Alternatively spliced transcript variants encoding different isoforms have been observed for this gene. [provided by RefSeq, Jan 2009]

Product images:



Circular map for RC212806



Western blot validation of overexpression lysate (Cat# [LY412980]) using anti-DDK antibody (Cat# [TA50011-100]). Left: Cell lysates from untransfected HEK293T cells; Right: Cell lysates from HEK293T cells transfected with RC212806 using transfection reagent MegaTran 2.0 (Cat# [TT210002]).