

Product datasheet for **RG217369**

THYN1 (NM_001037305) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	THYN1 (NM_001037305) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	THYN1
Synonyms:	HSPC144; MDS012; MY105; THY28; THY28KD
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>RG217369 representing NM_001037305 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGTCGAGACCCCGAAGAGGCTGGCTGGGACTTCTGGTTCAGACAAGGGACTATCAGGAAAACGCACCA
AAACTGAGAACTCAGGTGAGGCATTAGCTAAAGTGGAGGACTCCAACCCTCAGAAGACTTCAGCCACTAA
AAACTGTTTGAAGAATCTAAGCAGCCACTGGCTGATGAAGTCAGAGCCAGAGAGCCGCCTAGAGAAAGGT
GTAGATGTGAAGTTCAGCATTGAGGATCTCAAAGCACAGCCAAACAGACAACATGCTGGGATGGTGTTC
GTAACACCAGGCTCGAACTTCCTTAGAGCCATGAAGCTGGGAGAAGAAGCCTTCTTCTACCATAGCAA
CTGCAAAGAGCCAGGCATCGCAGGACTCATGAAGATCGTGAAAGAGGCTTACCCAGACCACACAGTTT
GAGAAAAACAATCCCCATTATGACCCATCTAGCAAAGAGGACAACCCCTAAGTGGTCCATGGTGGATGTAC
AGTTTGTTCGGATGATGAAACGTTTCATTCCTTGGCTGAGCTCAAATCCTATCATCAAGCTCACAAAGC
TACTGGTGGCCCTTAAAAAATATGGTTCTTCTACTCGCCAGAGATTATCAATCCAGCCCTGACCCAG
GAAGAGTTTGATTTTGTGGCTGGAGAAAAGGAACCAAGT

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA



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Protein Sequence: >RG217369 representing NM_001037305
Red=Cloning site Green=Tags(s)

MSRPRKRLAGTSGSDKGLSGKRTKTENSGEALAKVEDSNPQKTSATKNCLKNLSSHWMKSEPEsrLEKG
 VDVKFSIEDLKAQPKQTTCDWGVrNYQARNFLRAMKLGEEAFFYHSNCKEPIAGLMKIVKEAYPDHTQF
 EKNNPHYDPPSSKEDNPKWSMVDVQFVRMMKRFIPLAELKSYHQAHKATGGPLKNMVLFTRQRLSIQPLTQ
 EEFDVLSLEEKEPS

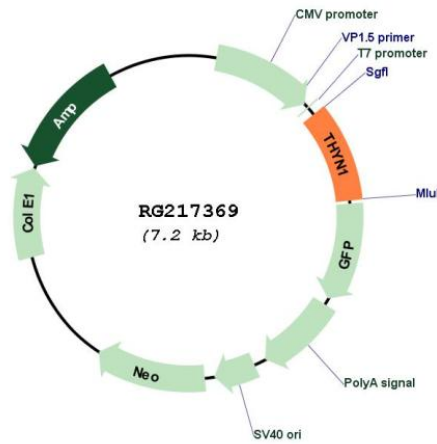
TRTRPLE - GFP Tag - V

Restriction Sites: SgfI-MluI

Cloning Scheme:



Plasmid Map:



ACCN: NM_001037305

ORF Size: 675 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:	NM_001037305.2
RefSeq Size:	941 bp
RefSeq ORF:	678 bp
Locus ID:	29087
UniProt ID:	Q9P016
Cytogenetics:	11q25
Gene Summary:	This gene encodes a protein that is highly conserved among vertebrates and plant species and may be involved in the induction of apoptosis. Alternatively spliced transcript variants encoding different isoforms have been described. [provided by RefSeq, Jul 2008]