

## Product datasheet for **RG222714**

### THYN1 (NM\_199297) Human Tagged ORF Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** THYN1 (NM\_199297) 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:** >RG222714 representing NM\_199297  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGATCGCC**

ATGTCGAGACCCCGAAGAGGCTGGCTGGGACTTCTGGTTCAGACAAGGGACTATCAGGAAAACGCACCA  
 AAAGTGAAGACTCAGGTGAGGCATTAGCTAAAGTGGAGGACTCCAACCCTCAGAAGACTTCAGCCACTAA  
 AAAGTGTGGAAGTCTAAGCAGCCACTGGCTGATGAAGTCAGAGCCAGAGAGCCGCTAGAGAAAGGT  
 GTAGATGTGAAGTTCAGCATTGAGGATCTCAAAGCACAGCCAAACAGACAACATGCTGGGATGGTGTTC  
 GTAAGTACCAGGCTCGAACTTCTTAGAGCCATGAAGCTGGGAGAAGAAGCCTTCTTCTACCATAGCAA  
 CTGCAAAGAGCCAGGCATCGCAGGACTCATGAAGATCGTGAAAGAGGCTTACCCAGACCACACAGTTT  
 GAGAAAAACAATCCCATATGACCCATCTAGCAAAGAGGACAACCCTAAGTGGTCCATGAAGAGTTTGA  
 TTTTGT

**ACGCGT**ACGCGGCCGCTCGAG - GFP Tag - GTTTAA

**Protein Sequence:** >RG222714 representing NM\_199297  
 Red=Cloning site Green=Tags(s)

MSRPRKRLAGTSGSDKGLSGKRTKTENSGEALAKVEDSNPQKTSATKNCLKNLSSHWMKSEPEsrLEKG  
 VDVKFSIEDLKAQPKQTTCDWGVNRNYQARNFLRAMKLGEEAFFYHSNCKEPIAGLMKIVKEAYPDHTQF  
 EKNNPHYDPSSKEDNPKWSMKSLILF

**TRTRPLE** - GFP Tag - V

**Restriction Sites:** SgfI-MluI



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<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<u>NM_199297.2</u>
<b>RefSeq Size:</b>	862 bp
<b>RefSeq ORF:</b>	501 bp
<b>Locus ID:</b>	29087
<b>UniProt ID:</b>	<u>Q9P016</u>
<b>Cytogenetics:</b>	11q25
<b>Gene Summary:</b>	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]