

Product datasheet for SC302878

THYN1 (NM 001037304) Human Untagged Clone

Product data:

Product Type: Expression Plasmids

Product Name: THYN1 (NM_001037304) Human Untagged Clone

Tag: Tag Free Symbol: THYN1

Synonyms: HSPC144; MDS012; MY105; THY28; THY28KD

Mammalian Cell Neomycin

Selection:

Vector:pCMV6-Entry (PS100001)E. coli Selection:Kanamycin (25 ug/mL)

Fully Sequenced ORF: >SC302878 representing NM_001037304.

Blue=Insert sequence Red=Cloning site Green=Tag(s)

GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT

TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC

Restriction Sites: Sgfl-Mlul



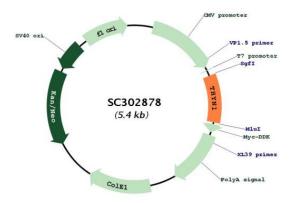
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Plasmid Map:



ACCN: NM_001037304

Insert Size: 501 bp

OTI Disclaimer: Our molecular clone sequence data has been matched to the reference identifier above as a

point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative

RNA splicing form or single nucleotide polymorphism (SNP).

OTI Annotation: This TrueClone is provided through our Custom Cloning Process that includes sub-cloning

into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.

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 001037304.1

 RefSeq Size:
 790 bp

 RefSeq ORF:
 501 bp

 Locus ID:
 29087

 UniProt ID:
 Q9P016

 Cytogenetics:
 11q25

 MW:
 18.8 kDa

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]

Transcript Variant: This variant (4) differs in the 5' UTR and lacks an exon in the 3' coding region, compared to variant 1. The resulting isoform (2) has a distinct and shorter C-terminus,

compared to isoform 1. Isoform 2 is also encoded by variant 2.