

## Product datasheet for **MC209528**

### Thy1 (NM\_009382) Mouse Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Thy1 (NM_009382) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Thy1
Synonyms:	CD90; T25; Thy-1; Thy-1.2; Thy1.1; Thy1.2
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>MC209528 representing NM_009382 Red=Cloning site Blue=ORF

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGAACCCAGCCATCAGCGTCGCTCTCCTGCTCTCAGTCTTGCAGGTGTCCCGAGGGCAGAAGGTGACCA  
GCCTGACAGCCTGCCTGGTGAACCAAACCTTCGCCTGGACTGCCCCATGAGAATAACACCAAGGATAA  
CTCCATCCAGCATGAGTTCAGCCTGACCCGAGAGAAGAGGAAGCAGTCTCAGGCACCCCTGGGATA  
CCCGAGCACACGTACCGCTCCCGCTCACCTCTCCAACCAGCCCTATATCAAGGTCCTTACCCTAGCCA  
ACTTCACCACCAAGGATGAGGGCGACTACTTTTGTGAGCTTCAAGTCTCGGGCGGAATCCCATGAGCTC  
CAATAAAAGTATCAGTGTGTATAGAGACAAGCTGGTCAAGTGTGGCGGCATAAGCCTGCTGGTTCAGAAC  
ACATCCTGGATGCTGCTGCTGCTTTCCCTCTCCCTCTCCAAGCCCTGGACTTCATTCTCTGTGA

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	Sgfl-MluI
ACCN:	NM_009382
Insert Size:	489 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).



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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><a href="#">BC054436</a></u> , <u><a href="#">AAH54436</a></u>
<b>RefSeq Size:</b>	1718 bp
<b>RefSeq ORF:</b>	489 bp
<b>Locus ID:</b>	21838
<b>UniProt ID:</b>	<u><a href="#">P01831</a></u>
<b>Cytogenetics:</b>	9 24.52 cM
<b>Gene Summary:</b>	This gene encodes a glycoprotein that is anchored to the cell surface of thymocytes, neuronal and other cells through a glycosyl-phosphatidylinositol moiety. A soluble form of the encoded protein has also been detected in serum and cerebrospinal fluid. The encoded protein undergoes further processing to generate the mature protein which mediates cell-cell interactions to trigger downstream signaling pathways. [provided by RefSeq, Jul 2015]