

## Product datasheet for **SC217157**

### **TYSND1 (NM\_173555) Human 3' UTR Clone**

#### **Product data:**

Product Type:	3' UTR Clones
Product Name:	TYSND1 (NM_173555) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	TYSND1
Synonyms:	NET41
ACCN:	NM_173555
Insert Size:	1973 bp



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**Insert Sequence:** >SC217157 3'UTR clone of NM\_173555  
 The sequence shown below is from the reference sequence of NM\_173555. The complete sequence of this clone may contain minor differences, such as SNPs.  
 Blue=Stop Codon Red=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
CTGGCAGAGGCCCGCGGAGCAAGCTCTGAGGCTGTGTACCACCTTTGGAAAGAAGAGTGACCTTTTT
CTGCTGTAGGAAGTGATGTTGAGGTGACGGTGGCCTCAGGATTCAGGGCCAGCCCTGCAGGGGCCCA
GGCTGCCTCTCATCTCCACCCACTGACTGCAGACTGGGCTTTGGGCTCTGGGGCAAACCTCTCTTCAGC
CCCATGGATCCTAACCTGGCAGCCCGTTTTGGGTGCTTTCTTGAGCCCCAGTTCTCTGTCCCCTAG
CACTAGACTCAGCTGATTGTTTTCTTCTGGGAGCCCACTCCAAGTGCACAGAAGTTCTGGGCTG
ACAGGTAGATTCCAGCTGGAAGGCAGGCCCGTGCCTGGTTTTGCGTCTGTCCCCTGAGGGCCATCGTC
ATCCTGGAGCTTCAATGGGGCTTGGCTCCTGTCTGCCTCTCAGTCAGAGTCAGGGCTGACAAAGGACT
CAGCTTCTTAGCATCTCAGCAGAAACCTTGCTCTGAAGACCAGAGACAGAAGGGACAGAACAGGAGT
GCCTCCTGCTGTGCCAGGCCATGGGCAGTGCAGGCAGATCCCTGAAGGTCAGCACTCCTGGGTCTTCA
TATGCCAACAGGGGCGCTCTTGACACTGTGCCTTCATTTCCAGCCCACAGCCTGGGTCTCAGGGATCT
TGAGGGGTAGAACATGTCTGTTGGGGCTTGGGAATAACATGATCTATTGAAAAACCTCTGATTTAT
ATATCAAATTGTTTTTTTTTTTTTCTTTAGAGCTGTGGTCTTGCTCTCTCACCCAGGCTGGAGTGCAGT
GTTGCGATCACAGCTCACTGCAGCCTCAAACCTCTGGGCTCCAGGAGACCTCCTGCCTCAGCCTCCTGA
ATAGCTGGGACTACAGTCGCGCACACCACCGCCTGGCTAATTTTTATTTTTGTAGAAATGGGGTATTG
CTTTGTTGCCCGTGTGGCTTCAGCCTTCTGGTTTCAAGCAGTCTCCTGCCTCAGCTTCCCAAAGTGC
TGGGATTACAGGTGTGAGCCACTGTGCCAACCCAGAAAATACACCCTTTCTGTGCTGTTTTCTCAGCAG
GGTGTGAGCTCACGGGATACGGTCTGCCAGACTGGCCCTCATAGCTGGTGTGTCAGTGCAGAGCTG
GGTGGGGCTTGCAGGTCCCGAAGGTGGTGGTCTTGACCTGGCAGCAGATGCTTAAAGAATGCCTAAGG
TGGGTGGCAGTTGGGGAGTTCAAGGGTGAATGAGGCCAGGGCAGCCCCAGGAGCTGAGGCCAACTCTT
TGAGTCAGGACTGTGCCGTGTGCCAGGGCCTTGATGTGTGGGCCCTCGAGTGATTTCTACTGGCAGG
CTGAAAGCCCTGTGAGGGGCGGCTGTGGGCGGAGGCCACGCAGGAAGAGTGTAGGAGTAACTGTTT
CTAACACCTGTGTGCTGAGTGCCAATGCTGGGTGTGGTGTATGATATATATTGGTTTTTCATCCAGCAT
TCCTGACTCGTAACTCTCATAGTCTTGTCCAGTCTTTGTTAGAATACTGGGTATGTTAGGGCTTGGG
ACAGGCCCTGACCTCTGGGTATCCTTTACTAATGTTGCCACCTTTTTACAGTGGGTCTTAAAGA
CCTTCCCATGAGAGGGTCTCAATCCTAGGGGAAGGAATGTTGATGTCATGAACCTTCCATAAAAACCCA
AGAGGACAGGGTTCAGAGAGCTTCTGGATAGCTGAACACCTGGCACTTCTGGAGTGTGGCGTGCCAG
GGAGGGCACGGAAGCTCTGCACTCCTTCCCCTTCCCTCATTCTTGTCTATGTGCATCTCTTACATCTG
TATCCTTTGCGATATCCTTTATAATAAACCGGTAACATAA
ACGCGT AAGCGGCCGCGGCATCTAGATTCAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
  
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**Restriction Sites:** SgfI-MluI

**OTI Disclaimer:** Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences, e.g., single nucleotide polymorphisms (SNPs).

**Components:** The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.

**RefSeq:** [NM\\_173555.4](#)

**Summary:** This gene encodes a protease that removes the N-terminal peroxisomal targeting signal (PTS2) from proteins produced in the cytosol, thereby facilitating their import into the peroxisome. The encoded protein is also capable of removing the C-terminal peroxisomal targeting signal (PTS1) from proteins in the peroxisomal matrix. The full-length protein undergoes self-cleavage to produce shorter, potentially inactive, peptides. Alternative splicing results in multiple transcript variants for this gene. [provided by RefSeq, Jan 2013]

**Locus ID:** 219743

**MW:** 71.7