

## Product datasheet for **SC205527**

### **P3H3 (NM\_014262) Human 3' UTR Clone**

#### Product data:

**Product Type:** 3' UTR Clones  
**Product Name:** P3H3 (NM\_014262) Human 3' UTR Clone  
**Symbol:** P3H3  
**Synonyms:** GRCB; HSU47926; LEPREL2  
**Mammalian Cell Selection:** Neomycin  
**Vector:** pMirTarget (PS100062)  
**ACCN:** NM\_014262  
**Insert Size:** 416 bp  
**Insert Sequence:** >SC205527 3'UTR clone of NM\_014262  
The sequence shown below is from the reference sequence of NM\_014262. The complete sequence of this clone may contain minor differences, such as SNPs.  
**Blue**=Stop Codon **Red**=Cloning site

```
GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG  
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC  
AGGGCACCTCGGGTTCGGGAGGAGCTGTGAGTGGCTGAGCCAGCTCCTTGAGGATGTGGCCACTTGACT  
TGTGGAAGGCCATCTTGATGCCAGGACACACAGGAAGCCCCTGTGTGACATCAGGAGCAGAACAGCAAG  
CTCTCTGTCCCTGCACCCCAACCATCTTGGGGACCTACAAGGGCCTGGACTCAGAGGACAGTGCACAGG  
CTAGCCTGGAGCTCACCAGGCCTGGGAGCTGGGACGGGGCCCCGCTGCCGGACCTGCAGCCCTGGACA  
GATGGGGAACACTGTGCCTCCCTGAACAGAAATGGCAGGGGAGGAGGCTGATGCTTTAAATGAAGAGGA  
TGGTGGGGTTGGGAGGTATAACCCTGCTCTCTCTCCAGTCTGTGCAATAAAGGTCGTGAAGATCTCT  
CA  
ACGCGTAAGCGGCCCGGCATCTAGATTCAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA  
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
```

**Restriction Sites:** Sgfl-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\\_014262.5](#)

**Summary:** The protein encoded by this gene belongs to the leprecan family of proteoglycans, which function as collagen prolyl hydroxylases that are required for proper collagen biosynthesis, folding and assembly. This protein, like other family members, is thought to reside in the endoplasmic reticulum. Epigenetic inactivation of this gene is associated with breast and other cancers, suggesting that it may function as a tumor suppressor. [provided by RefSeq, Aug 2013]

Locus ID: 10536

MW: 15.1