

## Product datasheet for **SC205591**

### **P4HA2 (NM\_001017973) Human 3' UTR Clone**

#### **Product data:**

**Product Type:** 3' UTR Clones  
**Product Name:** P4HA2 (NM\_001017973) Human 3' UTR Clone  
**Vector:** pMirTarget (PS100062)  
**Symbol:** P4HA2  
**Synonyms:** MYP25  
**ACCN:** NM\_001017973  
**Insert Size:** 446 bp  
**Insert Sequence:** >SC205591 3'UTR clone of NM\_001017973  
The sequence shown below is from the reference sequence of NM\_001017973. The complete sequence of this clone may contain minor differences, such as SNPs.  
**Blue**=Stop Codon **Red**=Cloning site

```
GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
AGACCTTGTGGATCAACAGAAGTTGACTGACATCCTTTTCTGTCTTCCCCTTCTGGTCCCTTCAGCCC
ATGTCAACGTGACAGACACCTTTGTATGTTCTTTGTATGTTCTATCAGGCTGATTTTTGGAGAAATG
AATGTTTTGTCTGGAGCAGAGGGAGACCATACTAGGGCGACTCCTGTGACTGAAGTCCCAGCCCTTCC
ATTCAGCCTGTGCCATCCCTGGCCCAAGGCTAGGATCAAAGTGCTGCAGCAGAGTTAGCTGTCTAGC
GCCTAGCAAGGTGCCCTTTGTACCTCAGGTGTTTTAGGTGTGAGATGTTTCAGTGAACCAAAGTTCTGAT
ACCTTGTTTACATGTTTGTATGTCATTTCTATCTATTGTGGCTTTACCAAAAAATAAAATGTCCC
TACCAGAAGCCTTAAAAAAAAAAAAAAAAAAAA
ACGCGTAAGCGGCCGCGCATCTAGATTCAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
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\\_001017973.1](#)



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**Summary:** This gene encodes a component of prolyl 4-hydroxylase, a key enzyme in collagen synthesis composed of two identical alpha subunits and two beta subunits. The encoded protein is one of several different types of alpha subunits and provides the major part of the catalytic site of the active enzyme. In collagen and related proteins, prolyl 4-hydroxylase catalyzes the formation of 4-hydroxyproline that is essential to the proper three-dimensional folding of newly synthesized procollagen chains. Alternatively spliced transcript variants encoding different isoforms have been described. [provided by RefSeq, Jul 2008]

**Locus ID:** 8974

**MW:** 17