

Product datasheet for **SC205589**

P4HA2 (NM_001142599) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	P4HA2 (NM_001142599) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	P4HA2
Synonyms:	MYP25
ACCN:	NM_001142599
Insert Size:	2000 bp



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Insert Sequence: >SC205589 3'UTR clone of NM_001142599
 The sequence shown below is from the reference sequence of NM_001142599. The complete sequence of this clone may contain minor differences, such as SNPs.
 Blue=Stop Codon Red=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
AGACCTTGTGGATCAACAGAAGTTGACTGACATCCTTTTCTGTCCTTCCCTTCTGGTCTTCAGCCC
ATGTCAACGTGACAGACACCTTTGTATGTTCTTTGTATGTTCTATCAGGCTGATTTTTGGAGAAATG
AATGTTTTGTCTGGAGCAGAGGGAGACCATACTAGGGCGACTCCTGTGACTGAAGTCCCAGCCCTTCC
ATTCAGCCTGTGCCATCCCTGGCCCAAGGCTAGGATCAAAGTGGCTGCAGCAGAGTTAGCTGTCTAGC
GCCTAGCAAGGTGCCTTTGTACCTCAGGTGTTTTAGGTGTGAGATGTTTCAGTGAACCAAAGTTCTGAT
ACCTTGTTTACATGTTTTGTTTTATGGCATTCTATCTATTGGGCTTTACCAAAAAATAAAATGTCCC
TACCAGAAGCCTTAAAGAGCCTTACTTGGAGTATTTTTAAGACTGGAAGCTTTTACCAGGTTTCATCATT
TCCTATGCATCACCTTTCATGCAGGCAGAGTCTGGATAATGAATGCTTTAGCAGCAAAAAAGCATCTTGG
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AGGAGCCCTTGGGAACCCCTCCTAGATCACATCTCCTTCACTGCCCCAGCACTTTGGAGATAAATCA
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GGTATGTGGCTTCTTTTGTCAACATTGTTTTAAGATTCATCCGTTGCTTGTGTAGCTGTAATTTGT
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GCAAGCTCCGCTCCCGGTTACGCCATTCTCCTGCCTCAGCCTCCAAGTAGTGGGACTACAGGCG
CCCGCCACTACGCCCGGTAATTTTTTTGATTTTTAGTAGAGACGGGTTTACCAGTTTTAGCCGGGAT
GGTCTCGATCTCCTGACCTCGTATCCGCCCGCTCGGCCTCCCAAGTGTGGGATTACAGGCGTGAG
CCACCGCGCCCGCCCATATGTTGAAATCTTAACCCCAATGTGATGATATTAGGATGCGGAGCCCTTG
GGAGGTGTAAGCATGGAGCCACGTGAGTGGGATTAGTGCCCTTATGAAGAGATCCCAGCCCTTTTC
TGCCATGCGAACACAGCAAGAAGATGCCTGTCTATGAACCAGGGGGCCCTTACCAGAAACAAACCT
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_001142599.2](#)

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:

76.3