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Product datasheet for SC207865

P4HA3 (NM_182904) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	P4HA3 (NM_182904) Human 3' UTR Clone
Symbol:	P4HA3
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_182904
Insert Size:	621 bp
Insert Sequence:	>SC207865 3'UTR clone of NM_182904 The sequence shown below is from the reference sequence of NM_182904. The complete sequence of this clone may contain minor differences, such as SNPs. Blue=Stop Codon Red=Cloning site GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC AGACCCTGCAGCTCCAGCCCTGAAGACTGAACTGTTGGCAGAGAGAAGCTGGTGGAGTCCTGTGGCTTT CCAGAGAAGCCAGGAGCCAAAAGCTGGGGTAGGAGAGGAGAAAGCAGAGCAGCCTCCTGGAAGAAGGCC TTGTCAGCTTTGTCTGTGCCTCGCAAATCAGAGGCAAGGGAGAGGTTGTTACCAGGGGACACTGAGAAT GTACATTTGATCTGCCCCAGCCACGGAAGTCAGAGTAGGATGCACAGTACAAAGGAGGGGGGAGTGGAG GCCTGAGAGGGAAGTTTCTGGAGTTCAGATACTCTCTGTTGGGAACAGGACATCTCAACAGTCTCAGGT TCGATCAGTGGGTCTTTTGGCACTTTGAACCTTGACCACAGGGACCAAGAAGTGGCAATGAGGACACCT GCAGGAGGGGCTAGCCTGACTCCCAGAACTTTAAGACTTTCTCCCCACTGCCTTCTGCTGCAGCCCAAG CAGGGAGTGTCCCCCTCCCAGAAGCATATCCCAGATGAGTGGTACATTATATAAGGATTTTTTTTAAGT TGAAAACAACTTTCTTTTCTTTTTGTATGATGGTTTTTTAACACAGTCATTAAAAATGTTTATAAATCA ACGCGTAAGCGGCCGCGGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA CGAGATTTCGATTCCACCGCCGCCTTCTATGAAAGG
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).

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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_182904.5
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. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jan 2014]
Locus ID:	283208
MW:	22.9