Recombinant Human PCOLCE, T7-tagged

Cat. No. PCOLCE-838H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human PCOLCE was produced in E.coli with a T7 tag at N-terminus. MW = 47972 Da (26-449 aa).
Species	Human
Source	E.coli
ProteinLength	26-449 a.a.
Description	Procollagen C-endopeptidase enhancer 1 is an enzyme that in humans is encoded by the PCOLCE gene. Fibrillar collagen types I-III are synthesized as precursor molecules known as procollagens. These precursors contain amino- and carboxyl-terminal peptide extensions known as N- and C-propeptides, respectively, which are cleaved, upon secretion of procollagen from the cell, to yield the mature triple helical, highly structured fibrils. This gene encodes a glycoprotein which binds and drives the enzymatic cleavage of type I procollagen and heightens C-proteinase activity.
Form	10 mM Tris. pH 8.0. 0.1% Triton X-100. 0.002% NaN3.
Purity	95%.
Clonality	N/A.
Applications	MS. SDS.

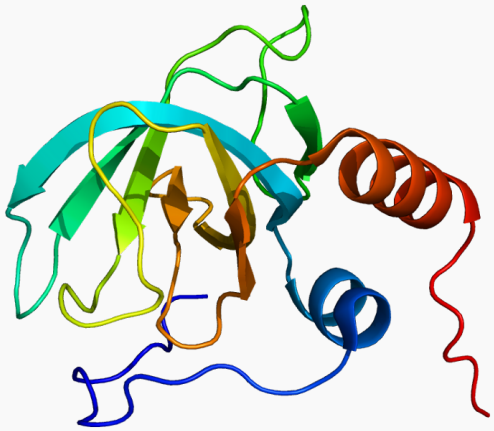
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GENE INFORMATION

Gene Name	PCOLCE procollagen C-endopeptidase enhancer [Homo sapiens]
Synonyms	PCOLCE; procollagen C-endopeptidase enhancer; PCPE; PCPE1; procollagen C-endopeptidase enhancer 1; PCPE-1; procollagen C-proteinase enhancer 1 procollagen COOH-terminal proteinase enhancer 1; type 1 procollagen C-proteinase enhancer protein; type I procollagen COOH-terminal proteinase enhancer; procollagen, type 1, COOH-terminal proteinase enhancer
Gene ID	5118
mRNA Refseq	NM_002593
Protein Refseq	NP_002584
MIM	600270
UniProt ID	Q15113
Chromosome Location	7q22
Function	protein binding

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