

# Recombinant Full Length Human PCOLCE Protein

**Cat. No.** PCOLCE-363HF    **Lot. No.** (See product label)

## SPECIFICATION

<b>Product Overview</b>	Recombinant full length Human PCOLCE with N terminal proprietary tag; predicted MW: 75kDa inclusive of tag.AAH00574.1, Q15113.
<b>Species</b>	Human
<b>Source</b>	In Vitro Cell Free System
<b>ProteinLength</b>	449 amino acids
<b>Description</b>	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.
<b>Form</b>	Liquid
<b>Molecular Mass</b>	75.000kDa inclusive of tags
<b>AA Sequence</b>	MLPAATASLLGPLLACALLPFAQQQTPNYTRPVFLCGGD VKGESGYVASEGFPNL YPPNKECIWTITVPEGQTVSLSFR VFDLELHPACRYDALEVFAGSGTSGQRLGRFC GTFRPAPL VAPGNQVTLRMTTDEGTGGRGFLLWYSGRATSGTEHQFCG GRLEKA QGTLTTPNWPESDYPPGISCSWHIAPPDQVIAL TFEKFDLEPDTYCRYDSVSVFNG AVSDDSRRLGKFCGDAV PGSISSEGNELLVQF

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<b>Purity</b>	Proprietary Purification
<b>Storage</b>	Shipped on dry ice. Upon delivery aliquot and store at -80 centigrade. Avoid freeze / thaw cycles.
<b>Storage Buffer</b>	pH: 8.00. Constituents:0.79% Tris HCl, 0.31% Glutathione.

## GENE INFORMATION

<b>Gene Name</b>	PCOLCE procollagen C-endopeptidase enhancer [ Homo sapiens ]
<b>Official Symbol</b>	PCOLCE
<b>Synonyms</b>	PCOLCE; procollagen C-endopeptidase enhancer; procollagen C-endopeptidase enhancer 1; PCPE; PCPE1; procollagen C proteinase enhancer 1; procollagen; type 1; COOH terminal proteinase enhancer
<b>Gene ID</b>	5118
<b>mRNA Refseq</b>	NM_002593
<b>Protein Refseq</b>	NP_002584
<b>MIM</b>	600270
<b>UniProt ID</b>	Q15113

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