

Recombinant Human PCOLCE

Cat. No. PCOLCE-30795TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant full length Human PCOLCE with N terminal proprietary tag; predicted MW: 75kDa inclusive of tag.AAH00574.1, Q15113.
Species	Human
Source	Wheat Germ
ProteinLength	449 amino acids
Description	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.
Molecular Weight	75.000kDa inclusive of tags
Form	Liquid
Purity	Proprietary Purification
Storage buffer	pH: 8.00Constituents:0.3% Glutathione, 0.79% Tris HCl
Storage	Shipped on dry ice. Upon delivery aliquot and store at -80oC. Avoid freeze / thaw

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cycles.

Sequences of amino acids

MLPAATASLLGPLLACALLPFAQGQTPNYTRPVFLCGGD VKGESGYVASEGFPNL
 YPPNKECIWTITVPEGQTVSLSFR VFDLELHPACRYDALEVFAAGSGTSGQRLGRFC
 GTFRPAPL VAPGNQVTLRMTTDEGTGGRGFLLWYSGRATSGTEHQFCG GRLEKA
 QGTLTPNWPESDYPPGISCSWHIIAPPDQVIAL TFEKFDLEPDTYCRYDSVSVFNG
 AVSDDSRRLGKFCGDAV PGSISSEGNELLVQF

Sequence Similarities

Contains 2 CUB domains.Contains 1 NTR domain.

GENE INFORMATION

Gene Name [PCOLCE procollagen C-endopeptidase enhancer \[Homo sapiens \]](#)

Official Symbol [PCOLCE](#)

Synonyms PCOLCE; procollagen C-endopeptidase enhancer; procollagen C-endopeptidase enhancer 1; PCPE; PCPE1; procollagen C proteinase enhancer 1; procollagen; type 1; COOH terminal proteinase enhancer;

Gene ID [5118](#)

mRNA Refseq [NM_002593](#)

Protein Refseq [NP_002584](#)

MIM [600270](#)

Uniprot ID [Q15113](#)

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Chromosome Location	7q22
Function	collagen binding; heparin binding; peptidase activator activity;

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