

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

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

	cycles.
Sequences of amino acids	MLPAATASLLGPLLTACALLPFAQGQTPNYTRPVFLCGGD VKGESGYVASEGFPNL YPPNKECIWTITVPEGQTVSLSFR VFDLELHPACRYDALEVFAAGSGTSGQRLGRFC GTFRPAPL VAPGNQVTLRMTTDEGTGGRGFLLWYSGRATSGTEHQFCG GRLEKA QGTLTTPNWPESDYPPGISCSWHIIAPPDQVIAL 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

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

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