

Recombinant Full Length Human PCOLCE Protein

Cat. No. PCOLCE-363HF **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	In Vitro Cell Free System
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.
Form	Liquid
Molecular Mass	75.000kDa inclusive of tags
AA Sequence	MLPAATASLLGPLLACALLPFAQQQTPNYTRPVFLCGGD VKGESGYVASEGFPNL YPPNKECIWTITVPEGQTVSLSFR VFDLELHPACRYDALEVFAAGSGTSGQRLGRFC GTFRPAPL VAPGNQVTLRMTTDEGTGGRGFLLWYSGRATSGTEHQFCG GRLEKA QGTLTPNWPESDYPPGISCSWHIIAPPDQVIAL TFEKFDLEPDTCRYDSVSVFNG AVSDDSRRLGKFCGDAV PGSISSEGNELLVQF

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

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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