



Recombinant Human Procollagen C- endopeptidase enhancer 1 (PCOLCE)

Product Code	CSB-EP614881HU-B
Abbreviation	PCOLCE
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
Uniprot No.	Q15113
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	>85% (SDS-PAGE)
Sequence	QTPNY TRPVFLCGGD VKGESGYVAS EGFPNLYPPN KECIWTITVP EGQTVSLSFR VFDLELHPAC RYDALEVFAG SGTSGQRLGR FCGTFRPAPL VAPGNQVTLR MTTDEGTGGR GLLWYSGRA TSGTEHQFCG GRLEKAQGTL TTPNWPESDY PPGISCSWHI IAPPDQVIAL TFEKFDLEPD TYCRYDSVSV FNGAVSDDSR RLGKFCGDAV PGSISSEGNE LLVQFVSDLS VTADGFSASY KTLPRGTAKE GQGPGRKRG EPKVKLPPKS QPPEKTEESP SAPDAPTCPK QCRRTGTLQS NFCASSLVVT ATVKSMVREP GEGLAVTVSL IGAYKTGGLD LPSPPTGASL KFYVPCKQCP PMKKGVSYLL MGQVEENRGP VLPPEFVVL HRPNQDQILT NLSKRKCPSQ PVRAAASQD
Source	E.coli
Target Names	PCOLCE
Protein Names	Recommended name: Procollagen C-endopeptidase enhancer 1 Alternative name(s): Procollagen COOH-terminal proteinase enhancer 1 Short name= PCPE-1 Short name= Procollagen C-proteinase enhancer 1 Type 1 procollagen C-proteinase enha
Expression Region	26-449
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	Full Length of Mature Protein
Target Details	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.



Reconstitution

We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

Shelf Life

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