

# Recombinant Human PCOLCE2 protein, His & S-tagged

**Cat. No.** PCOLCE2-1110H    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                |
|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human PCOLCE2 aa. (Cys154~Pro269 (Accession # Q9UKZ9) fused with N-terminal His & S tag was produced in E. coli cells.                                                                                                                                                                                                             |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                          |
| <b>Source</b>           | E.coli                                                                                                                                                                                                                                                                                                                                         |
| <b>ProteinLength</b>    | Cys154~Pro269                                                                                                                                                                                                                                                                                                                                  |
| <b>Form</b>             | Freeze-dried powder                                                                                                                                                                                                                                                                                                                            |
| <b>Molecular Mass</b>   | 19kDa as determined by SDS-PAGE reducing conditions.                                                                                                                                                                                                                                                                                           |
| <b>Endotoxin</b>        | <1.0EU per 1g (determined by the LAL method)                                                                                                                                                                                                                                                                                                   |
| <b>Purity</b>           | >95%                                                                                                                                                                                                                                                                                                                                           |
| <b>Characteristic</b>   | The isoelectric point is 5.5.                                                                                                                                                                                                                                                                                                                  |
| <b>Applications</b>     | SDS-PAGE; WB; ELISA; IP.                                                                                                                                                                                                                                                                                                                       |
| <b>Stability</b>        | The thermal stability is described by the loss rate of the target protein. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed.<br>(Referring from China Biological Products Standard, which was calculated by the |

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Arrhenius equation.) The loss of this protein is less than 5% within the expiration date under appropriate storage condition.

**Storage**

Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.

**Storage buffer**

Supplied as liquid form in Phosphate buffered saline(PBS), pH 7.4.

**Reconstitution**

Reconstitute in sterile PBS, pH7.2-pH7.4.

## GENE INFORMATION

**Gene Name**

PCOLCE2 procollagen C-endopeptidase enhancer 2 [ Homo sapiens (human) ]

**Official Symbol**

PCOLCE2

**Synonyms**

PCOLCE2; procollagen C-endopeptidase enhancer 2; PCPE2; procollagen C-proteinase enhancer 2; procollagen COOH-terminal proteinase enhancer 2

**Gene ID**

26577

**mRNA Refseq**

NM\_013363.3

**Protein Refseq**

NP\_037495.1

**UniProt ID**

Q9UKZ9

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