

Recombinant Human PCOLCE2 Protein Product Manual

1. Product Basic Information

Product No.: REP07745

Protein Name: Procollagen C-Proteinase Enhancer Procollagen C-Endopeptidase Enhancer Procollagen CooH-Terminal Proteinase Enhancer 2 (PCOLCE2)

Aliases: procollagen C-proteinase enhancer procollagen C-endopeptidase enhancer procollagen COOH-terminal proteinase enhancer 2

UniProt ID: Q9UKZ9

UniProt Link: <https://www.uniprot.org/uniprotkb/Q9UKZ9/entry>

Species Source: Homo sapiens (Human)

Expression System: E.coli

Protein Length: Full Length of Mature Protein (24-415aa)

Molecular Weight: 59.3kDa

Protein Tag: N-terminal 6xHis-SUMO-tagged

2. Amino Acid Sequence (24-415aa)

QSPERPVFTCGGILTGESGFIGSEGFPGVYPPNSKCTWKITVPEGKVVVLNFRFIDL
ESDNLCRYDFVDVYNHANGQRIGRFCGTFRPGALVSSGNKMMVMISDANTAG
NGFMAMFSAAEPNERGDQYCGLLDRPSGSFKTPNWPDRDYPAGVTCVWHIVAP
KNQLIELKFEKFDVERDNYCRYDYVAVFNGGEVNDARRIGKYCGDSPPAPIVSERN
ELLIQFLSDLSTADGFIGHYIFRPKLPPTTEQPVTTFPVTTGLKPTVALCQQKCRR
TGTLEGNYCSSDFVLGTVITTITRDGSLHATVSIINIYKEGNLAIQQAGKNMSARLTV
VCKQCPLLRRLNYIIMGQVGEDGRGKIMPNSFIMMFKTKNQKLLDALKNKQC

3. Storage Buffer

Liquid Delivery Form: Tris/PBS-based buffer with 5%-50% glycerol. Custom glycerol content is available upon customer request (please specify requirements when placing orders).

Lyophilized Powder Delivery Form: Pre-lyophilization buffer is Tris/PBS-based buffer containing 6% Trehalose.



4. Storage Conditions

Upon receipt, store the product at -20°C or -80°C. It is recommended to aliquot the protein for multiple uses to avoid repeated freeze-thaw cycles, which may cause protein denaturation and activity loss.

5. Product Description

This product is a recombinant Human PCOLCE2 full length of mature protein protein (24-415aa) expressed in E.coli. The protein is with 6xHis-SUMO tag at the N-terminus, which facilitates protein purification, detection and identification. PCOLCE2, also known as procollagen C-proteinase enhancer procollagen C-endopeptidase enhancer procollagen COOH-terminal proteinase enhancer 2, is suitable for related in vitro functional assays, protein interaction studies, antibody preparation and other biomedical research applications.

6. Notes

- Repeated freezing and thawing of the product is strictly prohibited to ensure protein stability and biological activity.
- For special buffer component requirements, please submit a note when purchasing.
- This product is only for scientific research use, not for clinical diagnosis, treatment or commercial production purposes.