

PCOLCE, 26-449aa, Human, His tag, E.coli

Cat.NO.: TP03310

3th Edition

Synonyms:Procollagen C-endopeptidase enhancer 1, PCPE, PCPE-1, PCPE1

Description:PCOLCE also known as procollagen C-endopeptidase enhancer 1. PCOLCE binds to the C-terminal propeptide of type I procollagen and enhances procollagen C-proteinase activity and C-terminal processed part of PCPE (CT-PCPE) may have a metalloproteinase inhibitory activity. Recombinant human PCOLCE, fused to His-tag at N-terminus, was expressed in E.coli

Form:Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 10% glycerol

Molecular Weight:47.9kDa (447aa)

Sequences:

MGSSHHHHHHSSGLVPRGSHMGSQTPNYTRPVFLCGGDVKGESGYVASEGFNLYPPNKECIWITITVPEGQTVS
LSFRVFDLELHPACRYDALEVFAGSGTSGQRLGRFCGTFRPAPLVAPGNQVTLRMTTDEGTGGRGFLLWYSGRAT
SGTEHQFCGGRLEKAQGTLTTPNWPESDYPPGISCSWHIIAPPDQVIALTFEKFDLEPDTYCRYDSVSVFNGAVSD
DSRRLGKFCGDAVPGSISSEGNELLVQFVSDLSVTADGFSASYKTLPRGTAKEGQGPVKRGTEPKVKLPPKSQP
PEKTEESPSAPDAPTCPKQCRRTGTLQSNFCASSLVVTATVKSMVREPGGLAVTVSLIGAYKTGGLDLPSPPTGA
SLKFYVPCKQCPPMKKGVSYLLMGQVEENRGPVLPPEFSFVVLHRPNQDQILTNLKRKCPSPVRAAASQD

Purity:> 95% by HPLC

Concentration:1mg/ml (determined by Bradford assay)

Endotoxin Level:<1.0 EU per 1 ug of protein (determined by LAL method)

Storage:Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.