



PCOLCE peptide (DAG-P1008)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen 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. [provided by RefSeq, Jul 2008]
Purity	> 95 % by SDS-PAGE.
Conjugate	Unconjugated
Applications	ELISA, WB
Sequence Similarities	Contains 2 CUB domains.Contains 1 NTR domain.
Format	Liquid
Buffer	Preservative: None Constituents: 0.001% Tween 20, 30mM HEPES, 2mM EDTA, 150mM Sodium chloride, pH 6.75
Preservative	None
Storage	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles. Preservative: None Constituents: 0.001% Tween 20, 30mM HEPES, 2mM EDTA, 150mM Sodium chloride, pH 6.75

GENE INFORMATION

Gene Name	PCOLCE procollagen C-endopeptidase enhancer [Homo sapiens (human)]
Official Symbol	PCOLCE

Synonyms	PCOLCE; procollagen C-endopeptidase enhancer; PCPE; PCPE1; PCPE-1; procollagen C-endopeptidase enhancer 1; procollagen C-proteinase enhancer 1; procollagen COOH-terminal proteinase enhancer 1; type 1 procollagen C-proteinase enhancer protein; type I procollagen COOH-terminal proteinase enhancer; procollagen, type 1, COOH-terminal proteinase enhancer;
Entrez Gene ID	5118
mRNA Refseq	NM_002593.3
Protein Refseq	NP_002584.2
UniProt ID	Q15113
Chromosome Location	7q22
Pathway	Assembly of collagen fibrils and other multimeric structures, organism-specific biosystem; Collagen biosynthesis and modifying enzymes, organism-specific biosystem; Collagen formation, organism-specific biosystem; Crosslinking of collagen fibrils, organism-specific biosystem; Extracellular matrix organization, organism-specific biosystem;
Function	collagen binding; heparin binding; peptidase activator activity; protein binding;