

Product datasheet for **AR51816PU-N**

PCOLCE (26-449, His-tag) Human Protein

Product data:

Product Type:	Recombinant Proteins
Description:	PCOLCE (26-449, His-tag) human protein, 0.5 mg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	MGSSHHHHHH SSGLVPRGSH MGSQTPNYTR PVFLCGGDVK GESGYVASEG FPNLYPPNKE CIWITIVPEG QTVSLSFRVF DLELHPACRY DALEVFAGSG TSGQRLGRFC GTFRPAPLVA PGNQVTLRMT TDEGTGGRGF LLWYSGRATS GTEHQFCGGR LEKAQGTLLT PNWPESDYPP GISCSWHIIA PPDQVIALTF EKFDLEPDTY CRYDSVSVFN GAVSDDSRRL GKFCGDAVPG SISSEGNELL VQFVSDLSVT ADGFSASYKT LPRGTAKGQ GPGPKRGTEP KVKLPPKSQP PEKTEESPSA PDAPTCPKQC RRTGTLQSNF CASSLVVTAT VKSMVREPGE GLAVTVSLIG AYKTGGLDLP SPPTGASLKF YVPCKQCPM KKGVSLLMG QVEENRGPVL PPESFVVLHR PNQDQILTNL SKRKCPSQPV RAAASQD
Tag:	His-tag
Predicted MW:	47.9 kDa
Concentration:	lot specific
Purity:	>85% by SDS - PAGE
Buffer:	Presentation State: This purified protein is available in a denatured form, making it less suitable for functional studies. Denatured proteins are better suited for applications like Western Blot (WB) or imaging assays. State: Liquid purified protein Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 10% glycerol.
Preparation:	Liquid purified protein
Storage:	Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
RefSeq:	NP_002584
Locus ID:	5118
UniProt ID:	Q15113



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Cytogenetics: 7q22.1

Synonyms: PCPE1, PCPE-1

Summary: 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]

Protein Families: Secreted Protein

Product images:

