

Procollagen I C-Terminal Propeptide (PICP) Recombinant Protein | PICP recombinant protein

Eukaryotic Procollagen I C-Terminal Propeptide (PICP)

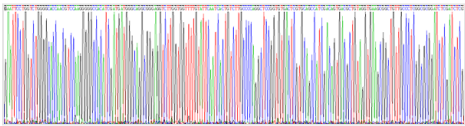
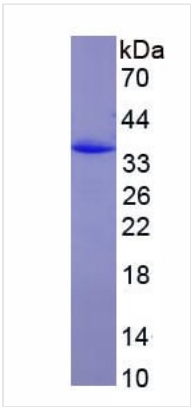
CATALOG # AAA152276	HOST 293F cell	APPLICATIONS Western Blot, SDS-Page
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PRODUCT SYNONYMS

Procollagen I C-Terminal Propeptide (PICP); Eukaryotic Procollagen I C-Terminal Propeptide (PICP); PICP/Procollagen I C-Terminal Propeptide; P1CP; C-Propeptide Of Type I Procollagen; Procollagen I Carboxy Terminal Propeptide; PICP recombinant protein

PRODUCT SPECIFICATIONS

Host	293F cell
Purity/Purification	Greater than 95% by SDS-PAGE
Form/Format	PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300. Freeze-dried powder
Sequence	Asp1219~Le u1464
Applicable Applications for PICP recombinant protein	WB (Western Blot), SDS-PAGE, Immunogen, Positive Control
Expression System	Eukaryotic expression
Species	Human
Isoelectric Point	5
Tag	N-terminal His Tag
Endotoxin Level	<1.0EU per 1ug (determined by the LAL method)
Reconstitution	Reconstitute in 10mM PBS (pH7.4) to a concentration of 0.1-1.0mg/mL. Do not vortex.
Subcellular Location	Secreted, Extracellular matrix
Preparation and Storage	Store at 2-8 degree C for one month, -80 degree C for 12 months Stable for 12 months if correctly stored.



Gene Sequence
Gene Sequencing (extract)

SDS-PAGE
SDS-PAGE

DD ANVVRDRDLE VDTTLKSLSQ QIENIRSPG
SRKNPARTCR DLKMCCHSDWK SGEYWIDPNQ GCNLDAIKVF CNMETGETCV
YPTQPSVAQK NWYISKNPDK KRHWVFGESM TDGFQFEYGG QGSDPADVAI
QLTFLRLMST EASQNITYHC KNSVAYMDQQ TGNLKKALL QGSNEIEIRA
EGNSRFTYSV TVDGCTSHTG AHGKTVIEYK TTKTSRLPII DVAPLDVGAP
DQEFQFDVGP VCFL

Sequence

ADDITIONAL INFORMATION

Product Categories/Family for PICP recombinant protein	Metabolic pathway; Hepatology; Bone metabolism; Eukaryotic Recombinant proteins/EP
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NCBI AND UNIPROT INFORMATION

NCBI GI #	296439504
NCBI GeneID	1277
UniProt Accession #	P02452; O76045; P78441; Q13896; Q13902; Q13903; Q14037; Q14992; Q15176; Q15201; Q16050; Q59F64
Molecular Weight	138,941 Da
NCBI Official Full Name	Collagen alpha-1(I) chain
NCBI Official Synonym Full Names	collagen, type I, alpha 1
NCBI Official Symbol	COL1A1
NCBI Official Synonym Symbols	OI4
NCBI Protein Information	collagen alpha-1(I) chain; collagen alpha-1(I) chain; alpha-1 type I collagen; pro-alpha-1 collagen type 1; collagen alpha 1 chain type I; collagen alpha-1(I) chain preproprotein; collagen of skin, tendon and bone, alpha-1 chain
UniProt Protein Name	Collagen alpha-1(I) chain
UniProt Gene Name	COL1A1
UniProt Entry Name	CO1A1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.