

Procollagen I N-Terminal Propeptide (PINP) Recombinant Protein | PINP recombinant protein

Recombinant Procollagen I N-Terminal Propeptide (PINP)

CATALOG # AAA150682	HOST E Coli	APPLICATIONS Western Blot, SDS-Page
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PRODUCT SYNONYMS

Procollagen I N-Terminal Propeptide (PINP); Recombinant Procollagen I N-Terminal Propeptide (PINP); Procollagen I N-Terminal Propeptide; P1NP; N-Propeptide Of Type I Procollagen; Procollagen I Amino Terminal Propeptide; PINP recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	>90%
Form/Format	Freeze-dried powder 20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose and Proclin300.
Sequence	Gln23~Ser1 51
Applicable Applications for PINP recombinant protein	WB (Western Blot), SDS-PAGE, Immunogen, Positive Control
Source	Prokaryotic expression
Species	Mouse
Tag	N-terminal His and GST Tag
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Isoelectric Point	4.3
Subcellular Location	Secreted
Usage	Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0 mg/mL. Do not vortex.
Preparation and Storage	Store at 2-8 degree C for one month. Aliquot and store at -80 degree C for 12 months. Avoid repeated freeze/thaw cycles. The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 degree C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

IMAGES



SDS-PAGE
Figure. SDS-PAGE

ADDITIONAL INFORMATION

Product Categories/Family for PINP recombinant protein	Metabolic pathway; Hepatology; Bone metabolism; Recombinant proteins/RP
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NCBI AND UNIPROT INFORMATION

NCBI GI #	83301500
NCBI GeneID	12842
UniProt Accession #	P11087; Q53WT0; Q60635; Q61367; Q61427; Q63919; Q6PCL3; Q810J9
Molecular Weight	117,820 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	Cola1; Mov13; Cola-1; Mov-13; Col1a-1
NCBI Protein Information	collagen alpha-1(I) chain; collagen alpha-1(I) chain; alpha-1 type 1 collagen; alpha-1 type I collagen; procollagen, type I, alpha 1
UniProt Protein Name	Collagen alpha-1(I) chain
UniProt Gene Name	Col1a1
UniProt Synonym Gene Names	Cola1
UniProt Entry Name	CO1A1_MOUSE

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/col1a1-recombinant-protein-e-coli-wb-western-blot-sds-page-immunogen-positive-control/150682>