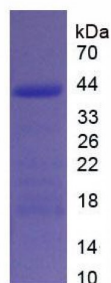


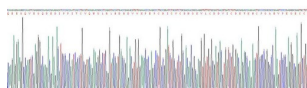
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## Human Procollagen I N-Terminal Propeptide (PINP) Peptide

Catalogue No.: abx652144



SDS-PAGE analysis of recombinant Human PINP.



Gene sequencing extract of Human PINP,

Procollagen I N-Terminal Propeptide (PINP) Protein is a Recombinant Human protein expressed in *E. coli*.

This protein is the immunogen for the following antibodies: [abx103755](#)

<b>Target:</b>	Procollagen I N-Terminal Propeptide (PINP)
<b>Origin:</b>	Human
<b>Host:</b>	<i>E. coli</i>
<b>Tested Applications:</b>	WB, SDS-PAGE
<b>Purity:</b>	> 90%
<b>Form:</b>	Lyophilized
<b>Reconstitution:</b>	Reconstitute in 100 mM NaHCO <sub>3</sub> , 500 mM NaCl, pH 8.3, to a concentration of 0.1-1.0 mg/ml. Do not vortex.
<b>Conjugation:</b>	Unconjugated
<b>Storage:</b>	Store at 2-8 °C for up to one month. Store at -80 °C for up to one year. Avoid repeated freeze/thaw cycles.
<b>Expression:</b>	Recombinant

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<b>Molecular Weight:</b>	Calculated MW: 27.9 kDa Observed MW (SDS-PAGE): 40 kDa Possible reasons why the actual band size differs from the predicted band size: <ol style="list-style-type: none"><li>1. Splice variants. Alternative splicing may create different sized proteins from the same gene.</li><li>2. Relative charge. The composition of amino acids may affect the charge of the protein.</li><li>3. Post-translational modification. Phosphorylation, glycosylation, methylation etc. may affect the band size.</li><li>4. Post-translational cleavage. Many proteins are synthesised as pro-proteins, and then cleaved to give the active form.</li><li>5. Polymerisation of the target protein. Dimerisation, multimerisation etc. will increase the band size observed.</li></ol>
<b>Swiss Prot:</b>	<a href="#">P02452</a>
<b>Tag:</b>	N-terminal His tag
<b>Activity:</b>	Not tested
<b>Concentration:</b>	Prior to lyophilization: 200 µg/ml
<b>Buffer:</b>	Prior to lyophilization: 100 mM NaHCO <sub>3</sub> , 500 mM NaCl, pH 8.3, containing 0.01% Sarcosyl, 5% Trehalose.
<b>Note:</b>	This product is for research use only.