Datasheet

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CATALOGUE #: 8PIN7

PRODUCT NAME: A1-PINP, human, recombinant

Source:	Expressed in a mammalian cell line
Description:	Synthetic DNA fragment corresponding to region 1-161 of human Collagen alpha-1(I) chain including signal peptide was used according to UniProtKB P02452 accession number. Contains C-terminal Gly- Gly-Gly-Ser-Gly-Gly-Gly-Ser-Gly-Gly-Gly-Ser-His₀-tag.
	Theoretical MW: 15839 Da including C-terminal tag
	Theoretical pl: 4.65
Application:	Calibrator or standard in immunoassays.
Analysis:	Purity >92%
	Concentration is determined spectrophotometrically at A280. Abs 1 mg/ml = 0.47
	Immunoreactivity is confirmed by reaction with monoclonal antibodies specific to recombinant human A1-PINP.
Purification:	Metal affinity chromatography
Presentation:	Lyophilized from PBS, pH 7.4.
	It is recommended to reconstitute this product with deionized water to its initial concentration.
Storage:	Lyophilized and reconstituted at -70 °C (-6580 °C allowed)
Other information:	Avoid repeated freezing and thawing. It is recommended to aliquot the product after reconstitution.
Material safety note:	This product is sold for research or further manufacturing use only . Standard Laboratory Practices should be followed when handling this material.



SCIENTIFIC EXCELLENCE FOR IVD

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