

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-His₆-tag.

Theoretical MW: 15839 Da including C-terminal tag

Theoretical pI: 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 (-65 ... -80 °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.