

Recombinant human PIINP protein (His tag)

Description

Product name	Recombinant human PIINP protein (His tag)
Catalog#	ABT-9019
Known as	Collagen alpha-1(III) chain; COL3A1; Procollagen III N-Terminal Propeptide
Expression system	HEK 293 cells
Tags	His tag C-terminus

Specifications

SDS-PAGE	35 kDa, reducing conditions
Purity	>95% SDS-PAGE
Form	Lyophilized powder

Stability and Storage

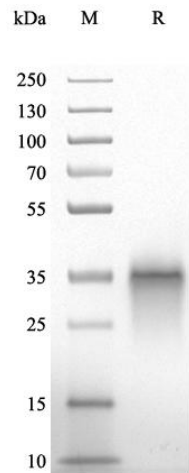
Storage	Store at -20 ~ -80°C, avoid repeated freeze/ thaw cycle
Stability	Aliquot and store at -20°C for 12 months.
Constituents	Lyophilized from 0.22 µm filtered solution in PBS, pH7.4 and 5% trehalose.

General information

Function	Collagen type III occurs in most soft connective tissues along with type I collagen. Involved in regulation of cortical development. Is the major ligand of ADGRG1 in the developing brain and binding to ADGRG1 inhibits neuronal migration and activates the RhoA pathway by coupling ADGRG1 to GNA13 and possibly GNA12.
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Images

For research use only.



Human PIINP (His Tag) on SDS-PAGE under reducing condition(R). The gel was visualized by Coomassie® Blue Staining. The purity of the protein is greater than 95%.

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