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Datasheet for ABIN7319647 COL21A1 Protein (His tag)

Overview

Quantity:	50 µg
Target:	COL21A1
Origin:	Human
Source:	Human Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This COL21A1 protein is labelled with His tag.

Product Details

Purpose:	Recombinant Human COL21A1 Protein (His Tag)
Sequence:	Glu23-Tyr957
Characteristics:	Recombinant Human COL21A1 is produced by our Mammalian expression system and the target gene encoding Glu23-Tyr957 is expressed with a 6His tag at the C-terminus.
Purity:	> 95 % as determined by reducing SDS-PAGE.
Endotoxin Level:	< 1.0 EU per µg as determined by the LAL method.

Target Details

Target:	COL21A1
Alternative Name:	COL21A1 (COL21A1 Products)
Background:	Background: Collagen α-1(XI) Chain (COL21A1) is a member of the fibril-associated collagens with interrupted helices (FACIT) family. COL21A1 is a secreted protein and contains six collagen-like domains, one TSP N-terminal (TSPN) domain, and one VWFA domain. COL21A1 is

Target Details

widely expressed in many tissues with the highest expression observed at the fetal stage. COL21A1 is stimulated by PDGF/platelet-derived growth factor. Type XXI collagen is localized to tissues containing type I collagen, it may serve to maintain the integrity of the extracellular matrix.

Synonym: COL21A1, collagen, type XXI, alpha 1, collagen alpha-1(XXI) chain, alpha 1 type XXI collagen, FP633, COLA1L, dJ708F5.1, dJ682J15.1, FLJ39125, FLJ44623, MGC26619, DKFZp564B052

Molecular Weight: 99.7 kDa

UniProt: [Q96P44](#)

Application Details

Restrictions: For Research Use only

Handling

Format: Lyophilized

Reconstitution: Please refer to the printed manual for detailed information.

Buffer: Lyophilized from a 0.2 µm filtered solution of PBS, pH 7.4.

Storage: 4 °C, -20 °C, -80 °C

Storage Comment: Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.