

Product datasheet for **TP727833**

COL21A1 Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant Human COL1A1/COL21A1 (C-6His)
Species:	Human
Expression cDNA Clone or AA Sequence:	Glu23-Tyr957
Tag:	C-His
Buffer:	Lyophilized from a 0.2 um filtered solution of PBS,pH7.4.
Note:	Recombinant Human Collagen alpha-1(XXI) chain is produced by our Mammalian expression system and the target gene encoding Glu23-Tyr957 is expressed with a 6His tag at the C-terminus.
Storage:	Lyophilized protein should be stored at < -20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 4-7°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.
Stability:	12 months from date of despatch
Locus ID:	81578
UniProt ID:	Q96P44
Synonyms:	COL21A1; collagen, type XXI, alpha 1; collagen alpha-1(XXI) chain; alpha 1 type XXI collagen; alpha 1 chain-like collagen; FP633; COLA1L; dJ708F5.1; dJ682J15.1; FLJ39125; FLJ44623; MGC26619; DKFZp564B052
Summary:	Collagen $\alpha 1$ (XXI) 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 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.


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