Recombinant Human COL21A1 protein, His-tagged

Cat. No. COL21A1-72H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human COL21A1 protein(Q96P44)(Glu23-Tyr957), fused with C-terminal His tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	1-957 a.a.
Tag	C-His
Form	Lyophilized from a 0.2 μm filtered solution of PBS, pH 7.4.
Molecular Mass	97.9 KDa
Endotoxin	< 1 EU/μg as determined by LAL test.
Purity	Greater than 95% as determined by reducing SDS-PAGE.
Storage	Lyophilized protein should be stored at ≤ -20°C, stable for one year after receipt. Reconstituted protein solution can be stored at 2-8°C for 2-7 days. Aliquots of reconstituted samples are stable at ≤ -20°C for 3 months.
Reconstitution	Always centrifuge tubes before opening.Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100μg/ml. Dissolve the

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	lyophilized protein in distilled water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.
AA Sequence	EDGEVRSSCRTAPTDLVFILDGSYS VGPENFEIVKKWLVNITKNFDIGPK FIQVGVVQYSDYPVL EIPLGSYDSGEHLTAAVESILYLGG NTKTGKAIQFALDYLFAKSSRFLTK IAVVLTDGKSQDDVK DAAQAARDSKITLFAIGVGSETEDA ELRAIANKPSSTYVFYVEDYIAISK IREVMKQKLCEESVC PTRIPVAARDERGFDILLGLDVNKK VKKRIQLSPKKIKGYEVTSKVDLSE LTSNVFPEGLPPSYV FVSTQRFKVKKIWDLWRILTIDGRP QIAVTLNGVDKILLFTTTSVINGSQ VVTFANPQVKTLFDE GWHQIRLLVTEQDVTLYIDDQQIEN KPLHPVLGILINGQTQIGKYSGKEE TVQFDVQKLRIYCDP EQNNRETACEIPGFNGECLNGPSDV GSTPAPCICPPGKPGLQGPKGDPGL PGNPGYPGQPGQDGK PGYQGIAGTPGVPGSPGIQGARGLP GYKGEPGRDGDKGDRGLPGFPGLHG MPGSKGEMGAKGDKG SPGFYGKKGAKGEKGNAGFPGLPGP AGEPGRHGKDGLMGSPGFKGEAGSP GAPGQDGTRGEPGIP GFPGNRGLMGQKGEIGPPGQQGKKG APGMPGLMGSNGSPGQPGTPGSKGS KGEPGIQGMPGASGL KGEPGATGSPGEPGYMGLPGIQGKK GDKGNQGEKGIQGQKGENGRQGIPG QQGIQGHHGAKGERG EKGEPGVRGAIGSKGESGVDGLMGP AGPKGQPGDPGPQGPPGLDGKPGRE FSEQFIRQVCTDVIR AQLPVLLQSGRIRNCDHCLSQHGSP GIPGPPGPIGPEGPRGLPGLPGRDG VPGLVGVPGRPGVRG LKGLPGRNGEKGSQGFGYPGEQGPP GPPGPEGPPGISKEGPPGDPGLPGK DGDHGKPGIQGQPGP PGICDPSLCFSVIARRDPFRKGPNY VDHHHHHH

GENE INFORMATION

Gene Name	COL21A1 collagen, type XXI, alpha 1 [Homo sapiens]

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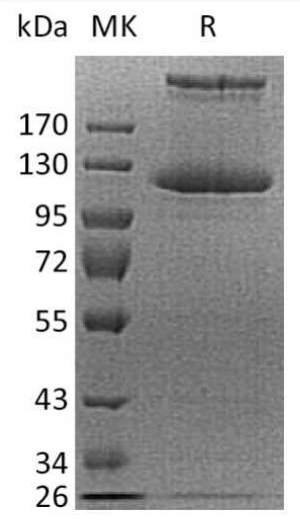
Official Symbol	COL21A1
Synonyms	COL21A1; collagen, type XXI, alpha 1; collagen alpha-1(XXI) chain; alpha 1 type XXI collagen; alpha 1 chain-like collagen; FP633; COLA1L; dJ708F5.1; dJ682J15.1; FLJ39125; FLJ44623; MGC26619; DKFZp564B052;
Gene ID	81578
mRNA Refseq	NM_030820
Protein Refseq	NP_110447
MIM	610002
UniProt ID	Q96P44
SDS-PAGE	

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