

Recombinant Human COL23A1, His-tagged

Cat. No. COL23A1-11429H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human COL23A1 protein, fused to His-tag, was expressed in E.coli and purified by Ni-sepharose.
Species	Human
Source	E.coli
ProteinLength	1-309a.a.
Description	COL23A1 is a member of the transmembrane collagens, a subfamily of the nonfibrillar collagens that contain a single pass hydrophobic transmembrane domain (Banyard et al., 2003 [PubMed 12644459]).
Storage	The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.
Storage Buffer	1M PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH8.) added with 300mM Imidazole and 0.7% Sarcosyl, 15% glycerol.

GENE INFORMATION

Gene Name	COL23A1 collagen, type XXIII, alpha 1 [Homo sapiens]
Official Symbol	COL23A1

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Synonyms	COL23A1; collagen, type XXIII, alpha 1; collagen alpha-1(XXIII) chain; DKFZp434K0621; procollagen, type XXIII, alpha 1;
Gene ID	91522
mRNA Refseq	NM_173465
Protein Refseq	NP_775736
MIM	610043
UniProt ID	Q86Y22
Chromosome Location	5q35.3
Function	heparin binding; protein homodimerization activity;

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