Recombinant Human COL8A1, His-tagged

Cat. No. COL8A1-11440H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human COL8A1 protein, fused to His-tag, was expressed in E.coli and purified by Ni-sepharose.
Species	Human
Source	E.coli
ProteinLength	396-744a.a.
Description	This gene encodes one of the two alpha chains of type VIII collagen. The gene product is a short chain collagen and a major component of the basement membrane of the corneal endothelium. The type VIII collagen fibril can be either a homo- or a heterotrimer. Alternatively spliced transcript variants encoding the same protein have been observed.
Storage	The protein is stored in PBS buffer at -20℃. Avoid repeated freezing and thawing cycles.
Storage Buffer	1M PBS (58mM Na2HPO4,17mM NaH2PO4, 68mM NaCl, pH8.) added with 300mM Imidazole and 0.7% Sarcosyl, 15%glycerol.

GENE INFORMATION

Gene Name	COL8A1 collagen, type VIII, alpha 1 [Homo sapiens]

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Official Symbol	COL8A1
Synonyms	COL8A1; collagen, type VIII, alpha 1; C3orf7, chromosome 3 open reading frame 7; collagen alpha-1(VIII) chain; MGC9568; endothelial collagen; collagen VIII, alpha-1 polypeptide; cell proliferation-inducing protein 41; smooth muscle cell-expressed and macrophage conditioned medium-induced protein smag-64; C3orf7;
Gene ID	1295
mRNA Refseq	NM_001850
Protein Refseq	NP_001841
MIM	120251
UniProt ID	P27658
Chromosome Location	3q11.1-q13.2

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