

Recombinant Rabbit COL8A1 Protein, His-tagged

Cat. No. COL8A1-823R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rabbit COL8A1 Protein (Leu590-Met744) with His tag was expressed in E. coli.
Species	Rabbit
Source	E.coli
ProteinLength	Leu590-Met744
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.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 18.6 kDa; Accurate Molecular Mass: 18 kDa
Purity	> 95%
Applications	Positive Control; Immunogen; SDS-PAGE; WB.
Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for

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48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

Storage

Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.

Storage Buffer

PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.

Reconstitution

Reconstitute in PBS or others.

GENE INFORMATION

Gene Name

COL8A1 collagen, type VIII, alpha 1 [*Oryctolagus cuniculus* (rabbit)]

Official Symbol

COL8A1

Synonyms

COL8A1; collagen, type VIII, alpha 1; collagen alpha-1(VIII) chain; endothelial collagen; alpha 1 type VIII collagen;

Gene ID

100009383

mRNA Refseq

NM_001082666

Protein Refseq

NP_001076135

UniProt ID

P14282

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