

Recombinant Mouse Col10a1 Protein, MYC/DDK-tagged

Cat. No. Col10a1-915M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of full-length mouse collagen, type X, alpha 1 (Col10a1), with C-terminal MYC/DDK tag, was expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Type X collagen is a product of hypertrophic chondrocytes and has been localized to presumptive mineralization zones of hyaline cartilage.
Molecular Mass	67.2 kDa
Purity	>80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.
Concentration	>50 g/mL as determined by microplate BCA method
Storage Buffer	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

GENE INFORMATION

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Gene Name	Col10a1 collagen, type X, alpha 1 [Mus musculus (house mouse)]
Official Symbol	Col10a1
Synonyms	Col10a1; collagen, type X, alpha 1; Col10; Col10a-1; collagen alpha-1(X) chain; procollagen, type X, alpha 1
Gene ID	12813
mRNA Refseq	NM_009925
Protein Refseq	NP_034055
UniProt ID	Q05306

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