

## Native Mouse Collagen I Protein

Cat. No. COL1A1-23M    Lot. No. (See product label)

### SPECIFICATION

#### Product Overview

|                |                                                                                                                                                                               |
|----------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Species        | Mouse                                                                                                                                                                         |
| Form           | 0.5M Acetic Acid                                                                                                                                                              |
| Molecular Mass | 300 kDa                                                                                                                                                                       |
| Usage          | This product is for research use only and is not approved for use in humans or in clinical diagnosis. Peptides and proteins are guaranteed for 3 months from date of receipt. |
| Storage        | Store at -20°C. Avoid freeze-thaw cycles.                                                                                                                                     |
| Concentration  | 1.0 mg/ml                                                                                                                                                                     |

### GENE INFORMATION

|                 |                                                                                                                                                                                      |
|-----------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Gene Name       | Col1a1 collagen, type I, alpha 1 [ Mus musculus ]                                                                                                                                    |
| Official Symbol | COL1A1                                                                                                                                                                               |
| Synonyms        | COL1A1; collagen, type I, alpha 1; collagen alpha-1(I) chain; alpha-1 type 1 collagen; alpha-1 type I collagen; procollagen, type I, alpha 1; Cola1; Mov13; Cola-1; Mov-13; Col1a-1; |

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|                |                                                                                                                                                                                                                                                                                                                                                              |
|----------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Gene ID        | 12842                                                                                                                                                                                                                                                                                                                                                        |
| mRNA Refseq    | NM_007742                                                                                                                                                                                                                                                                                                                                                    |
| Protein Refseq | NP_031768                                                                                                                                                                                                                                                                                                                                                    |
| Pathway        | Amoebiasis, organism-specific biosystem; Amoebiasis, conserved biosystem; Axon guidance, organism-specific biosystem; Cell surface interactions at the vascular wall, organism-specific biosystem; Developmental Biology, organism-specific biosystem; ECM-receptor interaction, organism-specific biosystem; ECM-receptor interaction, conserved biosystem; |
| Function       | extracellular matrix structural constituent; identical protein binding; platelet-derived growth factor binding; protein binding;                                                                                                                                                                                                                             |

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