

# Recombinant Human COL1A1 protein(1021-1110 aa), C-His-tagged

**Cat. No.** COL1A1-2523H **Lot. No.** (See product label)

## SPECIFICATION

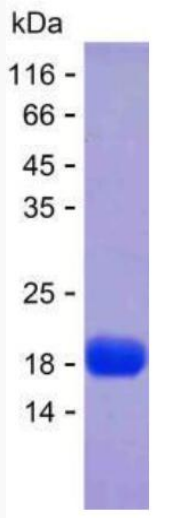
|                         |                                                                                                                                                                                   |
|-------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human COL1A1 protein(P02452)(1021-1110 aa), fused with C-terminal His tag, was expressed in E. coli.                                                                  |
| <b>Species</b>          | Human                                                                                                                                                                             |
| <b>Source</b>           | E.coli                                                                                                                                                                            |
| <b>ProteinLength</b>    | 1021-1110 aa                                                                                                                                                                      |
| <b>Form</b>             | 0.15 M Phosphate buffered saline                                                                                                                                                  |
| <b>Molecular Mass</b>   | 10.5 kDa                                                                                                                                                                          |
| <b>Storage</b>          | Shipped on dry ice. Avoid repeated freeze-thaw cycles. Upon receipt, 2 days when stored at 2 to 8 °C after thawing.<br>Up to 12 months when aliquoted and stored at -20 to -80°C. |
| <b>Reconstitution</b>   | It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.     |
| <b>AA Sequence</b>      | EGSPGRDGSPPGAKGDRGETGPAGPPGAPGAPGAPGVPAGKSGDRGETGPAG<br>PAGVPVPVGARGPAGPQGPRGDKGETGEQGDRGIKGH                                                                                     |

## GENE INFORMATION

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|                        |                                                                                                                                                                                                                                                    |
|------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Gene Name</b>       | COL1A1 collagen, type I, alpha 1 [ Homo sapiens ]                                                                                                                                                                                                  |
| <b>Official Symbol</b> | COL1A1                                                                                                                                                                                                                                             |
| <b>Synonyms</b>        | COL1A1; collagen, type I, alpha 1; collagen alpha-1(I) chain; OI4; alpha-1 type I collagen; pro-alpha-1 collagen type 1; collagen alpha 1 chain type I; collagen alpha-1(I) chain preproprotein; collagen of skin, tendon and bone, alpha-1 chain; |
| <b>Gene ID</b>         | 1277                                                                                                                                                                                                                                               |
| <b>mRNA Refseq</b>     | NM_000088                                                                                                                                                                                                                                          |
| <b>Protein Refseq</b>  | NP_000079                                                                                                                                                                                                                                          |
| <b>UniProt ID</b>      | P02452                                                                                                                                                                                                                                             |
| <b>SDS-PAGE</b>        |                                                                                                                                                                |