

## Recombinant Human COL1A1 Protein (Gln23-Pro161), N-His tagged

**Cat. No.** COL1A1-1760H    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                         |
|-------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant human COL1A1 (Gln23-Pro161) fused with N-His tag was expressed in E. coli.                                                                                                  |
| <b>Species</b>          | Human                                                                                                                                                                                   |
| <b>Source</b>           | E.coli                                                                                                                                                                                  |
| <b>ProteinLength</b>    | Gln23-Pro161                                                                                                                                                                            |
| <b>Form</b>             | Lyophilized powder/frozen liquid                                                                                                                                                        |
| <b>Molecular Mass</b>   | 16.55 kDa                                                                                                                                                                               |
| <b>Purity</b>           | >90% as determined by SDS-PAGE                                                                                                                                                          |
| <b>Notes</b>            | For research use only.                                                                                                                                                                  |
| <b>Storage</b>          | Use a manual defrost freezer and avoid repeated freeze thaw cycles. Store at 2 to 8 centigrade for one week. Store at -20 to -80 centigrade for twelve months from the date of receipt. |
| <b>Storage Buffer</b>   | 0.01M PBS, pH 7.4, 0.02% NLS                                                                                                                                                            |
| <b>Reconstitution</b>   | Reconstitute in sterile water for a stock solution.                                                                                                                                     |

 Tel: 1-631-559-9269    1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)     Fax: 1-631-938-8127

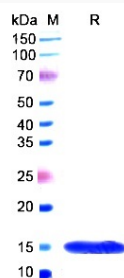
 45-1 Ramsey Road, Shirley, NY 11967, USA

**Shipping** They are shipped out with dry ice/blue ice unless customers require otherwise.

## GENE INFORMATION

|                        |                                                                                                                                                                                                                                                      |
|------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Gene Name</b>       | COL1A1 collagen, type I, alpha 1 [ Homo sapiens (human) ]                                                                                                                                                                                            |
| <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>MIM</b>             | 120150                                                                                                                                                                                                                                               |
| <b>UniProt ID</b>      | P02452                                                                                                                                                                                                                                               |

## SDS-PAGE



Tel: 1-631-559-9269 1-516-512-3133

Email: [info@creative-biomart.com](mailto:info@creative-biomart.com) Fax: 1-631-938-8127

45-1 Ramsey Road, Shirley, NY 11967, USA