

## Recombinant Human COL2A1 Protein (Ser1386-Pro1467), N-His tagged

**Cat. No.** COL2A1-1763H    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                         |
|-------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant human COL2A1 (Ser1386-Pro1467) fused with N-His tag was expressed in E. coli.                                                                                               |
| <b>Species</b>          | Human                                                                                                                                                                                   |
| <b>Source</b>           | E.coli                                                                                                                                                                                  |
| <b>ProteinLength</b>    | Ser1386-Pro1467                                                                                                                                                                         |
| <b>Form</b>             | Lyophilized powder/frozen liquid                                                                                                                                                        |
| <b>Molecular Mass</b>   | 11.42 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.                                                                                                                                     |

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

## GENE INFORMATION

**Gene Name** COL2A1 collagen, type II, alpha 1 [ Homo sapiens (human) ]

**Official Symbol** COL2A1

**Synonyms** COL2A1; collagen, type II, alpha 1; collagen, type II, alpha 1 (primary osteoarthritis, spondyloepiphyseal dysplasia, congenital), SEDC; collagen alpha-1 (II) chain; chondrocalcin; cartilage collagen; alpha-1 type II collagen; collagen II, alpha-1 polypeptide; AOM; ANFH; SEDC; COL11A3; MGC131516;

**Gene ID** 1280

**mRNA Refseq** NM\_001844

**Protein Refseq** NP\_001835

**MIM** 116790

**UniProt ID** P02458

## SDS-PAGE



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