

## Recombinant Human COL6A2 protein(254-400aa), His-GST&Myc-tagged

**Cat. No.** COL6A2-532H    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                    |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human COL6A2 protein(P12110)(254-400aa), fused with N-terminal His and GST and C-terminal Myc tag, was expressed in E. coli.                                                                                                                                                                           |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                              |
| <b>Source</b>           | E.coli                                                                                                                                                                                                                                                                                                             |
| <b>ProteinLength</b>    | 254-400aa                                                                                                                                                                                                                                                                                                          |
| <b>Form</b>             | If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.                                                                                 |
| <b>Molecular Mass</b>   | 35.2 kDa                                                                                                                                                                                                                                                                                                           |
| <b>Purity</b>           | Greater than 85% as determined by SDS-PAGE.                                                                                                                                                                                                                                                                        |
| <b>Storage</b>          | Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.                                                                                                                                                                                                     |
| <b>Reconstitution</b>   | We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. |

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|                    |                                                                                                                                                             |
|--------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>AA Sequence</b> | IPGPSGPKGYRGQKGAKGNMGEPGEPGQKGRQGDPIEGPIGFPGPKGVPGFKG<br>EKGEFGADGRKGAPGLAGKNGTDGQKGKLGRIGPPGCKGDPGNRGPDPGYPGGEAG<br>SPGERGDQGGKGDPRPGRRGPPGEIGAKGSKGYQGNSG |
|--------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------|

## GENE INFORMATION

|                 |                                                                                                                                                                                                   |
|-----------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Gene Name       | COL6A2 collagen, type VI, alpha 2 [ Homo sapiens ]                                                                                                                                                |
| Official Symbol | COL6A2                                                                                                                                                                                            |
| Synonyms        | COL6A2; collagen, type VI, alpha 2; collagen alpha-2(VI) chain; collagen VI, alpha-2 polypeptide; human mRNA for collagen VI alpha-2 C-terminal globular domain; PP3610; FLJ46862; DKFZp586E1322; |
| Gene ID         | 1292                                                                                                                                                                                              |
| mRNA Refseq     | NM_001849                                                                                                                                                                                         |
| Protein Refseq  | NP_001840                                                                                                                                                                                         |
| MIM             | 120240                                                                                                                                                                                            |
| UniProt ID      | P12110                                                                                                                                                                                            |

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