

# Recombinant Human COL4A3BP Protein, MYC/DDK-tagged

**Cat. No.** COL4A3BP-3280H    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|-------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human COL4A3BP protein, fused to MYC/DDK-tagged at C-terminus, was expressed in HEK293.                                                                                                                                                                                                                                                                                                                                                     |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Source</b>           | HEK293                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Description</b>      | This gene encodes a kinase that specifically phosphorylates the N-terminal region of the non-collagenous domain of the alpha 3 chain of type IV collagen, known as the Goodpasture antigen. Goodpasture disease is the result of an autoimmune response directed at this antigen. One isoform of this protein is also involved in ceramide intracellular transport. Three transcript variants encoding different isoforms have been found for this gene |
| <b>Form</b>             | 25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Molecular Mass</b>   | 67.8 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>Purity</b>           | > 80% as determined by SDS-PAGE and Coomassie blue staining                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Concentration</b>    | >50 ug/mL as determined by microplate BCA method                                                                                                                                                                                                                                                                                                                                                                                                        |

## GENE INFORMATION

|                  |                                                                                  |
|------------------|----------------------------------------------------------------------------------|
| <b>Gene Name</b> | COL4A3BP collagen, type IV, alpha 3 (Goodpasture antigen) binding protein [ Homo |
|------------------|----------------------------------------------------------------------------------|

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|                        |                                   |
|------------------------|-----------------------------------|
|                        | sapiens ]                         |
| <b>Official Symbol</b> | COL4A3BP                          |
| <b>Synonyms</b>        | CERT; CERTL; GPBP; MRD34; STARD11 |
| <b>Gene ID</b>         | 10087                             |
| <b>mRNA Refseq</b>     | NM_001130105                      |
| <b>Protein Refseq</b>  | NP_001123577                      |
| <b>MIM</b>             | 604677                            |
| <b>UniProt ID</b>      | Q9Y5P4                            |

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