

Recombinant Human COL4A3BP, His-tagged

Cat. No. COL4A3BP-27223TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant fusion protein (Human) with His-Tag at N-terminus.
Species	Human
Source	E.coli
Description	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.
Conjugation	HIS
Tissue specificity	Widely expressed.
Form	Liquid
Purity	>95% by SDS-PAGE
Storage buffer	Preservative: 0.002% Sodium Azide, 2.5mM Imidazole Constituents: 3mM Sodium chloride, 10mM Tris, pH 8
Storage	Aliquot and store at -80°C. Avoid repeated freeze / thaw cycles.

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

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

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

Sequence Similarities Contains 1 PH domain.Contains 1 START domain.

GENE INFORMATION

Gene Name COL4A3BP collagen, type IV, alpha 3 (Goodpasture antigen) binding protein [Homo sapiens]

Official Symbol COL4A3BP

Synonyms COL4A3BP; collagen, type IV, alpha 3 (Goodpasture antigen) binding protein; collagen type IV alpha-3-binding protein; ceramide transporter; CERT; GPBP; StAR related lipid transfer (START) domain containing 11; STARD11;

Gene ID 10087

mRNA Refseq NM_001130105

Protein Refseq NP_001123577

MIM 604677

Uniprot ID Q9Y5P4

Chromosome Location 5q13.3

Pathway Metabolism of lipids and lipoproteins, organism-specific biosystem; Sphingolipid metabolism, organism-specific biosystem;

Function ceramide binding; phosphatidylinositol-4-phosphate binding; protein binding; protein kinase activity;

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

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

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