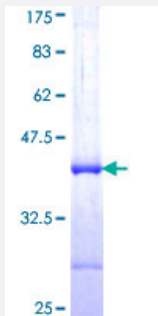


COL4A3BP (Human) Recombinant Protein (Q01)

Catalog # H00010087-Q01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human COL4A3BP partial ORF (NP_112729, 499 a.a. - 598 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	TWVCNFSVDHDSAPLNNRCVRAKINVAMICQTLVSPPEGNQEISRDNLCKITYVANVNPGGWAP ASVLRVAKREYPKFLKRFTSYVQEKTAGKPILF
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	36.74
Interspecies Antigen Sequence	Mouse (92); Rat (92)
Preparation Method	in vitro wheat germ expression system
Purification	Glutathione Sepharose 4 Fast Flow
Quality Control Testing	12.5% SDS-PAGE Stained with Coomassie Blue.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — COL4A3BP

Entrez GeneID [10087](#)

GeneBank Accession# [NM_031361](#)

Protein Accession# [NP_112729](#)

Gene Name COL4A3BP

Gene Alias CERT, CERTL, FLJ20597, GPBP, STARD11

Gene Description collagen, type IV, alpha 3 (Goodpasture antigen) binding protein

Omim ID [604677](#)

Gene Ontology [Hyperlink](#)

Gene Summary 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. Good pasture 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. [provided by RefSeq]

Other Designations Goodpasture antigen-binding protein|OTTHUMP00000128248|OTTHUMP00000128249|START domain containing 11|StAR-related lipid transfer (START) domain containing 11|alpha 3 type IV collagen binding protein|ceramide transporter|lipid-transfer protein CERTL