

## COL4A3BP Human

**Description:** COL4A3BP Recombinant Human produced in E.Coli is a single, non-glycosylated polypeptide chain containing 290 amino acids (347-598 a.a.) and having a molecular mass of 33.1 kDa. The COL4A3BP is fused to 38 amino acid His-Tag at N-terminus and purified by proprietary chromatographic techniques.

**Catalog #:** PRPS-844

For research use only.

**Synonyms:** COL4A3BP, FLJ20597, Collagen type IV alpha-3-binding protein, GPBP, STARD11, CERT, HCERT, CERTL, Ceramide Transfer Protein, Goodpasture antigen-binding protein, StAR-related lipid transfer protein 11, START domain-containing protein 11.

**Source:** Escherichia Coli.

**Physical Appearance:** Sterile filtered colorless solution.

**Amino Acid Sequence:** MRGSHHHHHH GMASMTGGQQ MGRDLYDDDD KDRWAGSMLH  
WPTSLPSGDA FSSVGTHRFV QKVEEMVQNH MTYSLQDVGG DANWQLVVEE GEMKVYRREV  
EENGIVLDPL KATHAVKGVG GHEVCNYFWN VDVRNDWETT IENFHVVETL ADNIIYYQT  
HKRVWPASQR DVLYLSVIRK IPALTENDPE TWIVCNFSVD HDSAPLNNRC VRAKINVAMI  
CQTLVSPPEG NQ

**Purity:** Greater than 95.0% as determined by SDS-PAGE.

**Formulation:**

COL4A3BP Human solution containing 20mM Tris HCL pH-8, 0.1M NaCl, & 10% glycerol.

**Stability:**

COL4A3BP Human although stable at 4°C for 1 week, should be stored desiccated below -18°C. Please prevent freeze thaw cycles.

**Usage:**

NeoBiolab's products are furnished for LABORATORY RESEARCH USE ONLY. The product may not be used as drugs, agricultural or pesticidal products, food additives or household chemicals.

**Introduction:**

COL4A3BP is a kinase that particularly phosphorylates the N-terminal region of the non-collagenous domain of the alpha 3 chain of type IV collagen, recognized as the Goodpasture antigen that is the outcome of an autoimmune reaction directed at COL4A3BP. One isoform of COL4A3BP participates in ceramide intracellular transport.

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