

## 32-3568: COL4A3BP Recombinant Protein

**Alternative Name :** 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.

### Description

Source : Escherichia Coli. 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. 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.

### Product Info

**Amount :** 25 µg  
**Purification :** Greater than 95.0% as determined by SDS-PAGE.  
**Content :** COL4A3BP Human solution containing 20mM Tris HCL pH-8, 0.1M NaCl, & 10% glycerol.  
**Storage condition :** Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.  
**Amino Acid :** MRGSHHHHHH GMASMTGGQQ MGRDLYDDDD KDRWAGSMLH WPTSLPSGDA FSSVGTHRFV  
 QKVEEMVQNH MTYSLQDVGG DANWQLVVEE GEMKVYRREV EENGIVLDPL KATHAVKGV  
 GHEVCNYFWN VDVRNDWETT IENFHVVETL ADNIIYYQT HKRVWPASQR DVLYLSVIRK IPALTENDPE  
 TWIVCNFSVD HDSAPLNNRC VRAKINVAMI CQTLVSPPEG NQEISRDNIL CKITYVANVN PGGWAPASVL  
 RAVAKREYPK FLKRFTSYVQ EKTAGKPILF.

