
Product Data Sheet

Product Name: COL4A3BP Human
 Cat. No.: GP23196
 Batch No.: 1

Product Data

Purity	>98%	Source	Escherichia Coli.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
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.		
Amino Acid Sequence	MRGSHHHHHH GMASMTGGQQ MGRDLYDDDD KDRWAGSMLH WPTSLPSGDA FSSVGTHRFV QKVEEMVQNH MTYSLQDVGG DANWQLVVEE GEMKVYRREV EENGIVLDPL KATHAVKGV T GHEVCNYFWN VDVRNDWETT IENFHVVETL ADNIIIIYQT HKRVWPASQR DVLYLSVIRK IPALTENDPE TWIVCNFSVD HDSAPLNNRC VRAKINVAMI CQTLVSPPEG NQEISRDNIL CKITYVANVN PGGWAPASVL RAVAKREYPK FLKRFTSYVQ EKTAGKPILF.		
Formulation	COL4A3BP Human solution containing 20mM Tris HCL pH-8, 0.1M NaCl, & 10% glycerol.		

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.

Stability

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.

Background

COL4A3BP Recombinant Human produced in E.Coli is a single, non-glycosylated

Caution: Product has not been fully validated for medical applications. For research use only.

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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.

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