9051 Mira Mesa Blvd, #910094
San Diego, CA 92191
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COL4A3BP Human

Collagen Type IV Alpha 3 Binding Protein Human Recombinant
RCP0480

Product Overview

Name	COL4A3BP Human

Description

Collagen Type IV Alpha 3 Binding Protein Human Recombinant

Accession (Primary)	Q9Y5P4

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.

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.

Source

Escherichia Coli.

Physical Appearance

Sterile filtered colorless solution.

Formulation

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

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.

Purity

Greater than 95.0% as determined by SDS-PAGE.

Amino acid sequence

MRGSHHHHHH GMASMTGGQQ MGRDLYDDDD KDRWAGSMLH WPTSLPSGDA FSSVGTHRFV QKVEEMVQNH MTYSLQDVGG DANWQLVVEE GEMKVYRREV EENGIVLDPL KATHAVKGVT GHEVCNYFWN VDVRNDWETT IENFHVVETL ADNAIIIYQT HKRVWPASQR DVLYLSVIRK IPALTENDPE TWIVCNFSVD HDSAPLNNRC VRAKINVAMI CQTLVSPPEG NQEISRDNIL CKITYVANVN PGGWAPASVL RAVAKREYPK FLKRFTSYVQ

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EKTAGKPILF.

Precautions

COL4A3BP Human is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (Q9Y5P4)