

Human COL4A3 Recombinant Protein



RPPB3224

Product Information Protein Information

Product SKU:

RPPB3224

Accession:

Q01955

Host:

Sf9 insect cells.

Protein description:

Human $\alpha 3$ chain of collagen IV; identical with the antigen called "glomerular basal membrane antigen" (GBM). Calculated Molecular weight: 48kDa. Calculated isoelectric point: pH 8.9. cDNA coding for a minicollagen version of the human collagen IV $\alpha 3$ chain fused to a 6-histidine purification tag. The term minicollagen designates the removal of most of the epitope-less triplehelical collagenous region (situated between the N-terminal 7S domain and the C-terminal noncollagenous NC1 domain), which is a requirement for recombinant production of this antigen.

Appearance:

Sterile Filtered clear solution.

Synonyms:

Collagen alpha-3(IV) chain, Goodpasture antigen, COL4A3, Glomerular Basal Membrane, GBM.

Formulation:

COL4A3 Human biotin contains 20mM HEPES, pH 7.5, 0.02% SDS and 0.01mM EDTA.

Purity:

Greater than 95% as determined by Capillary Electrophoresis.

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. Avoid multiple freeze-thaw cycles.