

Human COL6A3 / Collagen-VI (His Tag) recombinant protein



Catalog Number: 504239

General Information

Protein Construction

A DNA sequence encoding the BPTI/Kunitz inhibitor domain of human COL6A3 (P12111-1) (3101T-3177T) was expressed with an N-terminal polyhistidine tag.

Organism

Human

Expression Host

Human Cells

QC Testing

Purity

> 95 % as determined by SDS-PAGE

Endotoxin

< 1.0 EU per μg of the protein as determined by the LAL method

Stability

Samples are stable for up to twelve months from date of receipt at -70°C

Predicted N terminal

His

Molecular Mass

The recombinant human COL6A3 comprises 101 amino acids and has a predicted molecular mass of 11.4 kDa. The apparent molecular mass of the

protein is approximately 13.3 kDa in SDS-PAGE under reducing conditions.

Formulation

Lyophilized from sterile PBS, pH 7.4.

1. 5 % trehalose and mannitol are added as protectants before lyophilization.

2. Please contact us for any concerns or special requirements.

Usage Guide

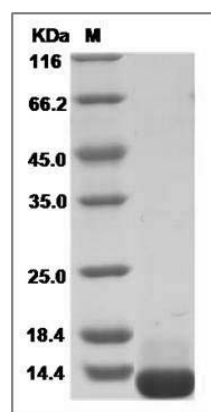
Storage

Store it under sterile conditions at -20°C to -80°C . It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

Reconstitution

Adding sterile water, prepare a stock solution of 0.25 mg/ml. Concentration is measured by UV-Vis.

SDS-PAGE



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