Recombinant Human Collagen I alpha 2/COL1A2 Protein

Catalog No.: RP01630

Sequence Information

Species
Human

Gene ID
1278

Swiss Prot
P08123

Tags
C-hFC-6His

Synonyms
COL1A2,OI4

Product Information

Source
HEK293 cells

Purification
≥ 95 % as determined by SDS-PAGE.

Calculated MW
53.82 kDa

Observed MW
60-75 kDa

Endotoxin
< 0.1 EU/μg of the protein by LAL method.

Formulation
Lyophilized from a 0.22 μm filtered solution of PBS, pH 7.4.

Reconstitution
Centrifuge the vial before opening. Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water. Avoid vortex or vigorously pipetting the protein. For long term storage, it is recommended to add a carrier protein or stablizer (e.g. 0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose), and aliquot the reconstituted protein solution to minimize free-thaw cycles.

Background

Basic Information

Description
Recombinant Human Collagen I alpha 2/COL1A2 Protein is produced by HEK293 expression system. The target protein is expressed with sequence (Asp1120-Lys1366) fused with hFC-6His tag at the C-terminus.

Activity

Shipping
Lyophilized proteins are shipped at ambient temperature.
Liquid proteins are shipped at frozen temperature with dry ice.
Upon receipt, store it immediately at the temperature recommended below.

Storage
Store at -20℃

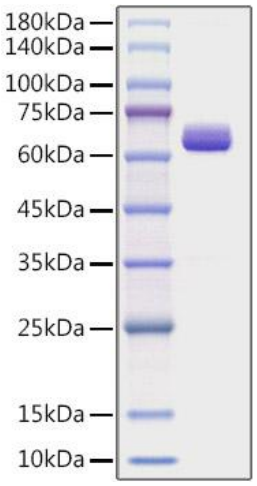
Operational Notes
For your safety and health, please wear a lab coat and disposable gloves for handling.

Contact

400-999-6126
cn.market@abclonal.com.cn
www.abclonal.com.cn

For research use only. Not for therapeutic or diagnostic purposes.
Please visit http://abclonal.com for a complete listing of recommended products.

Validation Data



Recombinant Human Collagen I alpha 2/COL1A2 Protein was determined by SDS-PAGE under reducing conditions with Coomassie Blue.