
Recombinant human COL10A1 protein, N-His

Catalog Number: bs-42277P

Concentration: >1mg/ml

Species: Human

AA Seq: 521-680/680

Predicted MW: 19.8

Tags: N-His

Endotoxin: Not analyzed

Purity: >90% as determined by SDS-PAGE

Purification: AC

Form: Lyophilized or Liquid

Storage: 20mM Tris-HCl (pH8.0).

Stored at -70°C or -20°C. Avoid repeated freeze/thaw cycles.

Background: This gene encodes the alpha chain of type X collagen, a short chain collagen expressed by hypertrophic chondrocytes during endochondral ossification. Unlike type VIII collagen, the other short chain collagen, type X collagen is a homotrimer. Mutations in this gene are associated with Schmid type metaphyseal chondrodysplasia (SMCD) and Japanese type spondylometaphyseal dysplasia (SMD). [provided by RefSeq, Jul 2008].

VALIDATION IMAGES



The purity of the protein is greater than 90% as determined by reducing SDS-PAGE.