

Recombinant Human CTHRC1/NMTC1 Protein(C-6His)

Cat.NO.: TP05776

3th Edition

Synonyms:Collagen triple helix repeat-containing protein 1;Protein NMTC1;CTHRC1

Description:Collagen triple helix repeat-containing protein 1 is a protein that in humans is encoded by the CTHRC1 gene. It acts as a negative regulator of collagen matrix deposition. It may cause the disease of Barrett esophagus . Patients with Barrett esophagus have an increased risk of esophageal adenocarcinoma. The main cause of Barrett esophagus is gastroesophageal reflux. The retrograde movement of acid and bile salts from the stomach into the esophagus causes prolonged injury to the esophageal epithelium and induces chronic esophagitis, which in turn is believed to trigger the pathologic changes.

Form:PBS

Molecular Weight:24.1 kDa

Sequences:Ser31-Lys243

Purity:> 95% by HPLC

Concentration:

Endotoxin Level:<1.0 EU per 1 ug of protein (determined by LAL method)

Storage:Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.