

Tel: 400-968-6088 Fax: 010-56371281

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## **Recombinant Human CTHRC1**

Catalog#:P02302 Derived from Human Cells

DESCRIPTION    Ser31-Lys243   Accession#: G   Known as: C   CTHRC1     FORMULATION   Lyophilized ff   Upon receipt,     STORAGE   Lyophilized ff   Reconstituted   Aliquots of receipt,     It is not recomplissolve the left   Please aliquoted     QUALITY   Mol Mass: 24   Purity: Great     Endotoxin: I   Collagen triple   encoded by the deposition. It   esophagus hat of Barrett est   acid and bile   to the esophabelieved to triple   to the esophabelieved   to the esophabelieved   to triple   to the esophabelieved   to the esophabelieved   to triple   to the esophabelieved   to t	5#:P02302		Irom Hum		
SHIPPING  The product in Upon receipt, Lyophilized products of reconstituted Aliquots of reconstituted Aliquots of reconstitution  RECONSTITUTION  RECONSTITUTION  QUALITY CONTROL  BACKGROUND  The product in Upon receipt, Reconstituted Aliquots of recon	Recombinant Human Collagen Triple Helix Repeat-containing Protein 1 is produced by our Mammalian expression system and the target gene encoding Ser31-Lys243 is expressed with a 6His tag at the C-terminus.  Accession#: Q96CG8  Known as: Collagen triple helix repeat-containing protein 1; Protein NMTC1; CTHRC1				
STORAGE  RECONSTITUTION  RECONSTITUTION  RECONSTITUTION  QUALITY CONTROL  BACKGROUND  Upon receipt,  Reconstituted Aliquots of reconstituted Aliquot	Lyophilized from a 0.2µm filtered solution of 20mM PB, 150mM NaCl, pH 7.4.				
RECONSTITUTION  RECONSTITUTION  RECONSTITUTION  RECONSTITUTION  RECONSTITUTION  Always centry It is not recon Dissolve the la Please aliquor  Mol Mass: 24 Purity: Great Endotoxin: L  Collagen triple encoded by the deposition. It esophagus ha of Barrett est acid and bile to the esophabelieved to triple encoded to triple encoded by the deposition of the esophabelieved to triple encoded by the deposition of the esophabelieved to triple encoded by the deposition of the esophabelieved to triple encoded by the deposition of the esophabelieved to triple encoded by th	The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature listed below.				
RECONSTITUTION    It is not recomplissolve the land please aliquor	Lyophilized protein should be stored at $\leq$ -20°C, stable for one year after receipt. Reconstituted protein solution can be stored at 2-8°C for 2-7 days. Aliquots of reconstituted samples are stable at $\leq$ -20°C for 3 months.				
Purity: Great Endotoxin: I  Collagen tripl encoded by th deposition. It esophagus ha of Barrett es acid and bile to the esopha believed to tri	Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100µg/ml. Dissolve the lyophilized protein in distilled water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.				
BACKGROUND  Collagen triple encoded by the deposition. It esophagus has of Barrett estacid and bile to the esophagus believed to triple encoded by the deposition. It esophagus has of Barrett estacid and bile to the esophagus has believed to triple encoded by the deposition. It esophagus has of Barrett estacid and bile to the esophagus has believed to triple encoded by the deposition. It esophagus has of Barrett estacid and bile to the esophagus has believed to triple encoded by the deposition. It esophagus has of Barrett estacid and bile to the esophagus has believed to triple encoded by the deposition. It esophagus has of Barrett estacid and bile to the esophagus has believed to triple encoded by the deposition. It esophagus has of Barrett estacid and bile to the esophagus has believed to triple encoded by the deposition in the esophagus has believed to triple encoded by the esophagus has believed by the esophagus has bel	Mol Mass:24.1kDa AP Mol Mass:25-30kDa, reducing conditions.  Purity: Greater than 95% as determined by reducing SDS-PAGE.  Endotoxin: Less than 0.1ng/μg (1 EU/μg) as determined by LAL test.				
	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.				
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	SDS-PAGE	kDa 120 90 60 40 30 20	MK	R	