

Product datasheet for **TP727106**

CTHRC1 Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant Human CTHRC1/NMTC1 (C-6His)
Species:	Human
Expression cDNA Clone or AA Sequence:	Ser31-Lys243
Tag:	C-His
Buffer:	Lyophilized from a 0.2 um filtered solution of 20mM PB, 150mM NaCl, pH 7.4.
Note:	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.
Storage:	Lyophilized protein should be stored at < -20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 4-7°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.
Stability:	12 months from date of despatch
Locus ID:	115908
UniProt ID:	Q96CG8
Synonyms:	Collagen triple helix repeat-containing protein 1;Protein NMTC1;CTHRC1
Summary:	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.
Protein Families:	Secreted Protein



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