

Datasheet for ABIN7318344
CTHRC1 Protein (His tag)



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Overview

Quantity:	50 µg
Target:	CTHRC1
Origin:	Human
Source:	Human Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This CTHRC1 protein is labelled with His tag.

Product Details

Purpose:	Recombinant Human CTHRC1 Protein (His Tag)
Sequence:	Ser31-Lys243
Characteristics:	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.
Purity:	> 95 % as determined by reducing SDS-PAGE.
Endotoxin Level:	< 1.0 EU per µg as determined by the LAL method.

Target Details

Target:	CTHRC1
Alternative Name:	CTHRC1 (CTHRC1 Products)
Background:	Background: 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

Target Details

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.

Synonym: Collagen triple helix repeat-containing protein 1,Protein NMTC1,CTHRC1

Molecular Weight:	24.1 kDa
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UniProt:	Q96CG8
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Pathways:	Tube Formation
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Application Details

Restrictions:	For Research Use only
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Handling

Format:	Lyophilized
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Reconstitution:	Please refer to the printed manual for detailed information.
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Buffer:	Lyophilized from a 0.2 µm filtered solution of 20 mM PB,150 mM NaCl, pH 7.4.
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Storage:	4 °C,-20 °C,-80 °C
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Storage Comment:	Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.
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