

Recombinant Human CTHRC1 Protein, MBP-tagged

Cat. No. CTHRC1-001H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human CTHRC1 Protein 32-243 aa (full-length) with a MBP tag was expressed in E.coli.
Species	Human
Source	E.coli
ProteinLength	32-243 a.a.
Description	This locus encodes a protein that may play a role in the cellular response to arterial injury through involvement in vascular remodeling. Mutations at this locus have been associated with Barrett esophagus and esophageal adenocarcinoma. Alternatively spliced transcript variants have been described.
Molecular Mass	67.7 kDa
Purity	>90% confirmed by 10% SDS-PAGE stained with Coomassie Blue (CB), immunoblotting with anti-MBP (WB).
Applications	ELISA, WB, Antibody Production, Protein array
Quality Control Test	10% SDS-PAGE stained with Coomassie Blue (CB), immunoblotting with anti-MBP (WB) and peptide fingerprinting by MALDI-TOF mass spectrometry.
Storage	Prior to reconstitution, store the lyophilized protein at 2–8 centigrade. After

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reconstitution, store in working aliquots at –80 centigrade.

Expiry All components are stable for 1 year of receipt, if stored properly.

Storage Buffer 20mM Tris/HCl pH 8, 0,2M NaCl, 1mM EDTA, 10mM maltose.

Shipping Lyophilized at Ambient temperature

GENE INFORMATION

Gene Name CTHRC1 collagen triple helix repeat containing 1 [Homo sapiens (human)]

Official Symbol CTHRC1

Synonyms CTHRC1; collagen triple helix repeat containing 1; collagen triple helix repeat-containing protein 1

Gene ID 115908

mRNA Refseq NM_138455

Protein Refseq NP_612464

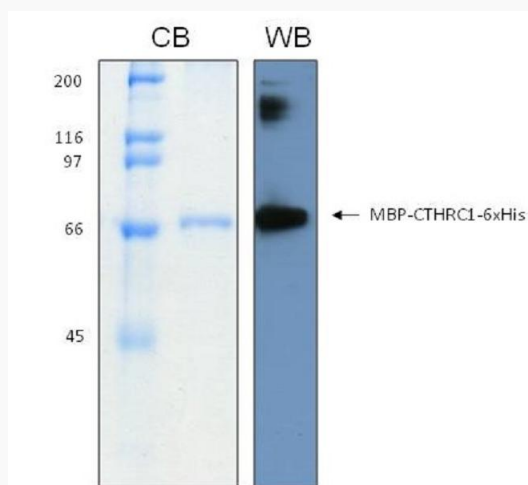
MIM 610635

UniProt ID Q96CG8

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