

Recombinant human CTHRC1 protein

Catalog Number: ATGP3002

PRODUCT INFORMATION

Expression system

E.coli

Domain

31-243aa

UniProt No.

Q96CG8

NCBI Accession No.

NP_612464

Alternative Names

Collagen triple helix repeat-containing protein 1 isoform 1, NMTC1

PRODUCT SPECIFICATION

Molecular Weight

25.3 kDa (234aa)

Concentration

1mg/ml (determined by Bradford assay)

Formulation

Liquid in. 20mM Tris-HCl buffer (pH 8.0) containing 10% glycerol

Purity

> 90% by SDS-PAGE

Tag

His-Tag

Application

SDS-PAGE, Denatured

Storage Condition

Can be stored at +2C to +8C for 1 week. For long term storage, aliquot and store at -20C to -80C. Avoid repeated freezing and thawing cycles.

BACKGROUND

Description

CTHRC1 also known as Collagen triple helix repeat-containing protein 1. This protein may act as a negative regulator of collagen matrix deposition. Recombinant human CTHRC1 protein, was expressed in E. coli

Amino acid Sequence

<MGSSHHHHHH SGLVPRGSH M>SEIPKGKQK AQLRQREVVD LYNGMCLQGP AGVPGRDGSP GANGIPGTPG
IPGRDGFKGE KGECLRESFE ESWTPNYKQC SWSSLNYGID LGKIAECTFT KMRSNSALRV LFSGLRLKC RNACCQRWYF
TFNGAECSGP LPIEAIYLD QGSPMNSTI NIHRTSSVEG LCEGIGAGLV DVAIWVGTCS DYPKGDASTG WNSVSRIIE ELPK

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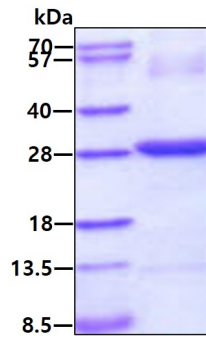
General References

Pygay P., et al (2005). *Circ. Res.* 96:261-268.

Orloff M., et al (2011). *JAMA* 306:410-419.

DATA

SDS-PAGE



3 μ g by SDS-PAGE under reducing condition and visualized by coomassie blue stain.