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 SSGLVPRGSH M>SEIPKGKQK AQLRQREVVD LYNGMCLQGP AGVPGRDGSP GANGIPGTPG IPGRDGFKGE KGECLRESFE ESWTPNYKQC SWSSLNYGID LGKIAECTFT KMRSNSALRV LFSGSLRLKC RNACCQRWYF TFNGAECSGP LPIEAIIYLD QGSPEMNSTI NIHRTSSVEG LCEGIGAGLV DVAIWVGTCS DYPKGDASTG WNSVSRIIIE ELPK

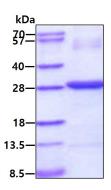


General References

Pyagay P., et al (2005). Circ. Res. 96:261-268. Orloff M., et al (2011). JAMA 306:410-419.

DATA

SDS-PAGE



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