

## Collagen Triple Helix Repeat Containing 1 Human Recombinant

<b>Item Number</b>	rAP-3055
<b>Synonyms</b>	Collagen Triple Helix Repeat Containing 1, Protein NMTC1, CTHRC1.
<b>Description</b>	CTHRC1 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 234 amino acids (31-243 a.a) and having a molecular mass of 25.3kDa. CTHRC1 is fused to a 21 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.
<b>Uniprot Accession Number</b>	Q96CG8
<b>Amino Acid Sequence</b>	MGSSHHHHHH SSGLVPRGSH MSEIPKGKQK AQLRQREVVD LYNGMCLQGP AGVPGRDGSP GANGI-PGTPG IPGRDGFKE KGECLRESFE ESWTPNYKQC SWSSLNYGID LGKIAECTFT KMRSNSALRV LFSGSLRLKC RNACCQRWYF TFNGAECSPG LPIEAIYLD QGSPPEMNSTI NIHRTSSVEG LCEGIGAGLV DVAIWVGTCSDYPKGDASTG WNSVSRRIIE ELPK.
<b>Source</b>	Escherichia Coli.
<b>Physical Appearance and Stability</b>	Sterile filtered colorless solution. Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.
<b>Formulation and Purity</b>	CTHRC1 protein solution (1mg/ml) containing 20mM Tris-HCl (pH 8.0) and 10% glycerol. Greater than 90.0% as determined by SDS-PAGE.
<b>Application</b>	
<b>Solubility</b>	
<b>Biological Activity</b>	
<b>Shipping Format and Condition</b>	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**