

Collagen Triple Helix Repeat Containing 1 Human Recombinant

Item Number	rAP-3055
Synonyms	Collagen Triple Helix Repeat Containing 1, Protein NMTC1, CTHRC1.
Description	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.
Uniprot Accesion Number	Q96CG8
Amino Acid Sequence	MGSSHHHHHH SSGLVPRGSH MSEIPKGKQK AQLRQREVVD LYNGMCLQGP AGVPGRDGSP GANGI-PGTPG IPGRDGFKGE KGECLRESFE ESWTPNYKQC SWSSLNYGID LGKIAECTFT KMRSNSALRV LFSGSLRLKC RNACCQRWYF TFNGAECSGP LPIEAIYLD QGSPEMNSTI NIHRTSSVEG LCEGIGAGLV DVAIWVGTC S DYPKGDASTG WNSVSRIIE ELPK.
Source	Escherichia Coli.
Physical Appearance and Stability	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.
Formulation and Purity	CTHRC1 protein solution (1mg/ml) containing 20mM Tris-HCl (pH 8.0) and 10% glycerol. Greater than 90.0% as determined by SDS-PAGE.
Application	
Solubility	
Biological Activity	
Shipping Format and Condition	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 end users! This product is sold for **Research Use Only**