

Collagen Triple Helix Repeat Containing 1 Human Recombinant, HEK

Item Number	rAP-3056
Synonyms	Collagen Triple Helix Repeat Containing 1, Protein NMTC1, CTHRC1.
Description	CTHRC1 Human Recombinant produced in HEK cells is a single, glycosylated, polypeptide chain (Ser31-Lys243) containing a total of 219 amino acids, having a calculated molecular mass of 23.9kDa and fused to a 6 aa His tag at C-Terminus.
Uniprot Accession Number	Q96CG8
Amino Acid Sequence	SEIPKGKQKA QLRQREVVDL YNGMCLQGPA GVPGRDGSPP ANGIPGTPGI PGRDGFKGEK GECLRESFEE SWTPNYKQCS WSSLNYGIDL GKIAECTFTK MRSNSALRVL FGSRLRKCR NACCQRWYFT FNGAECGSLP PIEAIIYLDQ GSPENNSTIN IHRSSVEGL CEGIGAGLVD VAIWVGTCSD YPKGDASTGW NSVSRIIIIEE LPK HHHHHH.
Source	HEK 293.
Physical Appearance and Stability	Filtered White lyophilized (freeze-dried) powder. Store lyophilized protein at -20°C. Aliquot the product after reconstitution to avoid repeated freezing/thawing cycles. Reconstituted protein can be stored at 4°C for a limited period of time; it does not show any change after two weeks at 4°C.
Formulation and Purity	CTHRC1 was filtered (0.4µm) and lyophilized in phosphate buffered saline pH 7.5. Greater than 95.0% as determined by SDS-PAGE.
Application	
Solubility	It is recommended to add 200µl deionized water to prepare a working stock solution of approximately 0.5 mg/ml and let the lyophilized pellet dissolve completely. CTHRC1 is not sterile! Please filter the product by an appropriate sterile filter before use.
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 ender users! This product is sold for **Research Use Only**