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DATA SHEET

Connective Tissue Growth Factor Human Recombinant, His Tag

Item Number	rAP-2162
Synonyms	CCN2, NOV2, HCS24, IGFBP8, MGC102839, CTGF, Connective Tissue Growth Factor.
Description	CTGF Human Recombinant produced in E.coli is a single, non-glycosylated polypeptide chain containing 344 amino acids (27-349) and having a molecular mass of 37.7kDa.The CTGF is fused to a 21 amino acid His-Tag at N-terminus and purified by proprietary chromatographic techniques.
Uniprot Accesion Number	P29279
Amino Acid Sequence	MGSSHHHHHH SSGLVPRGSH MQNCSGPCRC PDEPAPRCPA GVSLVLDGCG CCRVCAKQLG ELCT-ERDPCD PHKGLFCDFG SPANRKIGVC TAKDGAPCIF GGTVYRSGES FQSSCKYQCT CLDGAVGCMP LCSMDVRLPS PDCPFPRRVK LPGKCCEEWV CDEPKDQTVV GPALAAYRLE DTFGPDPTMI RANCLVQTTE WSACSKTCGM GISTRVTNDN ASCRLEKQSR LCMVRPCEAD LEENIKKGKK CIRTPKISKP IKFELSGCTS MKTYRAKFCG VCTDGRCCTP HRTTTLPVEF KCPDGEVMKK NMM-FIKTCAC HYNCPGDNDI FESLYYRKMY GDMA.
Source	Escherichia Coli.
Physical Appearance and Stability	Sterile Filtered clear 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	CTGF protein (1mg/ml) is supplied in 20mM Tris-HCl, pH-8 and 10% Glycerol. Greater than 85.0% as determined by Analysis 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 ender users! This product is sold for Research Use Only