

Recombinant Human CTGF Protein

Catalog #	Source	Reactivity	Applications
CRP2680	Human cells	Human	E, WB, SDS-PAGE, MS

Description	Recombinant Human CTGF Protein is produced by mammalian expression system and the target gene encoding Glu27-Ala180 is expressed.
Form	Lyophilized from a 0.2 µm filtered solution of PBS, pH7.4.
Gene Symbol	CTGF
Alternative Names	CCN2; HCS24; IGFBP8; Connective tissue growth factor; CCN family member 2; Hypertrophic chondrocyte-specific protein 24; Insulin-like growth factor-binding protein 8; IBP-8; IGF-binding protein 8; IGFBP-8
Entrez Gene	1490 (Human)
SwissProt	P29279 (Human)
Purity	Greater than 95% as determined by reducing SDS-PAGE.
Chemical Structure	QNCSGPCRCP DEPAPRCPAG VSLVLDGCGC CRVCAKQLGE LCTERDPCDP HKGLFCDFGS PANRKIGVCT AKDGAPCIFG GTVYRSGESF QSSCKYQCTC LDGAVGCMPL CSMDVRLPSP DCPFRRVVKL PGKCCEEWVC DEPKDQTVVG PALA
Quality Control	Endotoxin: Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test.
Directions for Use	Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100 µg/ml. Dissolve the lyophilized protein in ddH ₂ O. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.
Storage/Stability	Lyophilized protein should be stored at -20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 2-8°C for 2-7 days. Aliquots of reconstituted samples are stable at -20°C for 3 months.

Application key: E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC- Immunocytochemistry, IP- Immunoprecipitation, ChIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, BL- Blocking, SE- Sandwich ELISA, CBE- Cell-based ELISA, RNAi- RNA interference

Species reactivity key: H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, G- Goat, Mk- Monkey, P- Pig, Rb- Rabbit, S- Sheep, Z- Zebrafish

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