

Recombinant Human CCN2 protein, hFc-tagged

Cat. No. CCN2-1689H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human CCN2 protein(Q5M8T4)(Gln27-Ala349), fused with N-terminal hFc tag, was expressed in HEK293.
Species	Human
Source	N-hFc
ProteinLength	Gln27-Ala349
Tag	N-hFc
Form	Lyophilized from 0.22µm filtered solution in PBS (pH 7.4). Normally 8% trehalose is added as protectant before lyophilization.
Bio-activity	Immobilized Human CTGF, hFc Tag at 0.2µg/ml (100µl/Well) on the plate. Dose response curve for Biotinylated Anti-CTGF Antibody, hFc Tag with the EC50 of 14.2ng/ml determined by ELISA.
Molecular Mass	The protein has a predicted MW of 61.77 kDa. Due to glycosylation, the protein migrates to 50-55 kDa and 62-72 kDa based on Tris-Bis PAGE result.
Endotoxin	Less than 1EU per µg by the LAL method.
Purity	> 95% as determined by Tris-Bis PAGE; > 95% as determined by HPLC.

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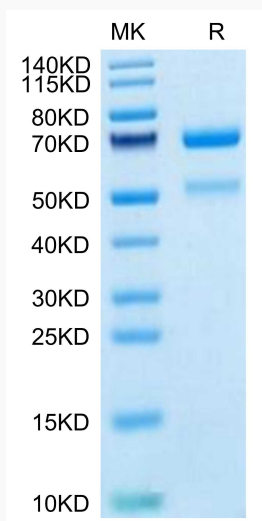
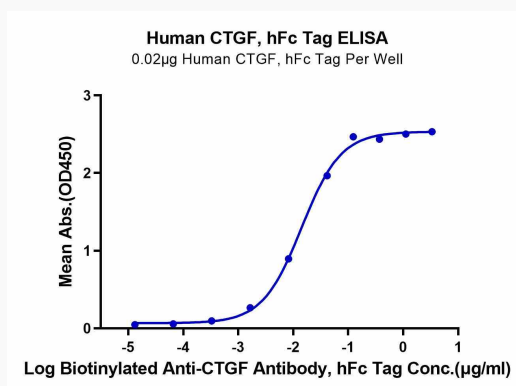
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Storage

Reconstituted protein stable at -80°C for 12 months, 4°C for 1 week. Use a manual defrost freezer and avoid repeated freeze-thaw cycles.

Reconstitution

Centrifuge tubes before opening. Reconstituting to a concentration more than 100 µg/ml is recommended. Dissolve the lyophilized protein in distilled water.

Tris-Bis PAGE

ELISA


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