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# Recombinant Human IGFBP-8/CTGF Protein

**Catalog No.: RP01113** Recombinant

## Sequence Information

| Species | Gene ID | Swiss Prot |
|---|---|---|
| Human | 1490 | P29279 |

**Tags**
No tag

**Synonyms**
CTGF;CCN2;HCS24;IGFBP8;NOV2

## Product Information

| Source | Purification |
|---|---|
| HEK293 cells | ≥ 95 % as determined by SDS-PAGE. |

| Calculated MW | Observed MW |
|---|---|
| 16.3 kDa | 16-25 kDa |

**Endotoxin**
< 1 EU/μg of the protein by LAL method.

**Formulation**
Lyophilized from a 0.22 μm filtered solution of PBS, pH7.4.Contact us for customized product form or formulation.

**Reconstitution**
Centrifuge the tube before opening. Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water. Avoid vortex or vigorously pipetting the protein. For long term storage, it is recommended to add a carrier protein or stablizer (e.g. 0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose), and aliquot the reconstituted protein solution to minimize free-thaw cycles.

## Contact


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## Background

This protein is a mitogen that is secreted by vascular endothelial cells. The encoded protein plays a role in chondrocyte proliferation and differentiation, cell adhesion in many cell types, and is related to platelet-derived growth factor. Certain polymorphisms in this gene have been linked with a higher incidence of systemic sclerosis.

## Basic Information

**Description**
Recombinant Human IGFBP-8/CTGF Protein is produced by Mammalian expression system. The target protein is expressed with sequence (Gln27-Ala180) of human CTGF (Accession #P29279) fused with no tags.

**Bio-Activity**

**Shipping**
The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature recommended below.

**Storage**
Store at -20℃.Store the lyophilized protein at -20℃ to -80 ℃ up to 1 year from the date of receipt.
After reconstitution, the protein solution is stable at -20℃ for 3 months, at 2-8℃ for up to 1 week.
Avoid repeated freeze/thaw cycles.

**Operational Notes**
For your safety and health, please wear a lab coat and disposable gloves for handling.

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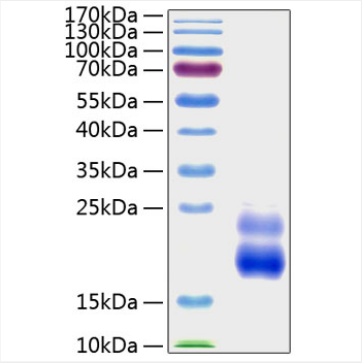
## Validation Data




Recombinant Human IGFBP-8/CTGF Protein was determined by SDS-PAGE under reducing conditions with Coomassie Blue.



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