Recombinant Human IGFBP-8/CTGF Protein

Catalog No.: RP01113

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Sequence Information

Species
Human

Gene ID
1490

Swiss Prot
P29279

Tags
No tag

Synonyms
CTGF,CCN2,HCS24,IGFBP8,NOV2

Product Information

Source
HEK293 cells

Purification
≥ 95 % as determined by SDS-PAGE.

Calculated MW
16.3 kDa

Observed MW
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.

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.

Activity

Shipping
Lyophilized proteins are shipped at ambient temperature.
Liquid proteins are shipped at frozen temperature with dry ice.
Upon receipt, store it immediately at the temperature recommended below.

Storage
Store at -20℃

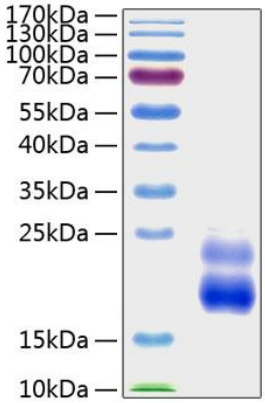
Operational Notes
For your safety and health, please wear a lab coat and disposable gloves for handling.

Contact

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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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