

# Recombinant Mouse IGFBP-9 Protein

Catalog No.: RP00708 **Recombinant**

## Sequence Information

| Species | Gene ID | Swiss Prot |
|---------|---------|------------|
| Mouse   | 18133   | Q64299     |

### Tags

C-6xHis

### Synonyms

Protein NOV homolog; NovH; CCN family member 3; Nephroblastoma-overexpressed gene protein homolog; Nov

## Product Information

| Source       | Purification       |
|--------------|--------------------|
| HEK293 cells | > 95% by SDS-PAGE. |

### Endotoxin

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

### Formulation

Lyophilized from a 0.2 μm filtered solution of PBS, pH7.4. Contact us for customized product form or formulation.

### Reconstitution

Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water.

## Background

NOV, also called CCN3, is a secreted protein of CCN family members. CCN family members are highly conserved cysteine rich proteins sharing a common modular structure having 4 conserved domains, insulin-like growth factor-binding protein (IGFBP) domain, von Willebrand type C (VWC) domain, thrombospondin-1 (TSP-1) domain, and C-terminal (CT) domain (absent in CCN5). By specific interactions with these domains, CCN proteins modulate multiple signalling pathways including BMPs, Wnt, TGFs, Notch and integrins to regulate cell proliferation, differentiation, adhesion, migration, angiogenesis, and survival. CCN3 is firstly characterized as a promoter of progenitor activity of human hematopoietic stem cells, as knockdown of CCN3 can abrogate the function of primitive progenitors. Recent studies showed that CCN3 is also actively involved in the process of wound healing. CCN3 is highly expressed in granulation tissues of cutaneous wounds and capable of inducing synthetic responses of fibroblasts.

## Basic Information

### Description


Recombinant Mouse IGFBP-9 Protein is produced by Human Cells expression system. The target protein is expressed with sequence (Ser26-Ile354) of mouse IGFBP-9 (Accession #Q64299) fused with a 6xHis tag at the C-terminus.

### Bio-Activity

### Storage

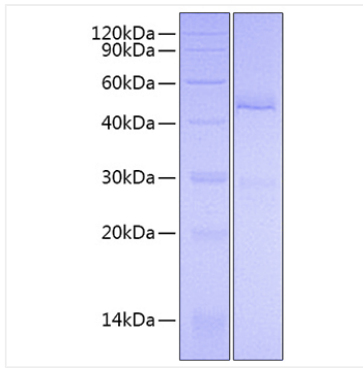
Store the lyophilized protein at -20°C to -80°C for long term. After reconstitution, the protein solution is stable at -20°C for 3 months, at 2-8°C for up to 1 week. Avoid repeated freeze/thaw cycles.

## Contact

 | [www.abclonal.com](http://www.abclonal.com)

## Validation Data

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Recombinant Mouse IGFBP-9 Protein was determined by SDS-PAGE under reducing conditions with Coomassie Blue.