

[Go to Product page](#)

## Datasheet for ABIN2018277 NOV Protein (AA 32-357)

### Overview

Quantity:	50 µg
Target:	NOV
Protein Characteristics:	AA 32-357
Origin:	Human
Source:	CHO Cells
Protein Type:	Recombinant
Biological Activity:	Active

### Product Details

Characteristics:	ED50 < 5 µg/mL, measured in a cell proliferation assay using 3T3 cells.
Purity:	> 95 % as analyzed by SDS-PAGE and HPLC.
Endotoxin Level:	< 0.2 EU/µg, determined by LAL method.

### Target Details

Target:	NOV
Alternative Name:	Nephroblastoma Overexpressed Gene Protein (NOV) ( <a href="#">NOV Products</a> )
Background:	Nephroblastoma Overexpressed Gene Protein (NOV), also known as CCN3, IGFBP9 and NOVH, is one of the CCN family of secreted proteins. It is expressed in bone marrow, thymic cells and nephroblastoma. NOV signals through integrin receptors, NOTCH1 and fibulin 1c to regulate multiple cellular activities, such as cell adhesion, migration, proliferation and differentiation. The reported functions of NOV are diverse. It has been reported to play a role in angiogenesis and

## Target Details

stem cell self-renewal. It has also been implicated in osteogenic differentiation, embryo development and cancer pathogenesis.

Synonyms: Nephroblastoma Overexpressed gene, CCN3, IGFBP9, NovH

Molecular Weight: 20-50 kDa, observed by reducing SDS-PAGE.

UniProt: [P48745](#)

Pathways: [Smooth Muscle Cell Migration](#), [Growth Factor Binding](#)

## Application Details

Restrictions: For Research Use only

## Handling

Format: Lyophilized

Reconstitution: Reconstituted in ddH<sub>2</sub>O or PBS at 100 µg/mL.

Buffer: Lyophilized after extensive dialysis against PBS.

Storage: -80 °C

Storage Comment: Lyophilized recombinant Human NOV remains stable up to 6 months at -80 °C from date of receipt. Upon reconstitution, Human NOV should be stable up to 1 week at 4 °C or up to 2 months at -20 °C.

Expiry Date: 6 months