

---

**Product Data Sheet**


---

Product Name: NOV Human, HEK  
 Cat. No.: GP20788  
 Batch No.: 1

**Product Data**

Purity	>98%	Source	HEK293 cells.
Physical Appearance	solid	Shipping Condition	Shipped at Room temp.
Synonyms	Protein NOV homolog; NovH; CCN family member 3; nsulin-like growth factor-binding protein 9; IBP-9; IGF-binding protein 9; IGFBP-9; Nephroblastoma-overexpressed gene protein homolog; NOV; CCN3; IGFBP9; NOVH.		
Amino Acid Sequence	QRCPPQCPGR CPATPPTCAP GVRVLDGCS CCLVCARQRG ESCSDLEPCD ESSGLYCDRS ADPSNQTGIC TAVEGDNCVF DGVIYRSGEK FQPSCKFQCT CRDGQIGCVP RCQLDVLPE PNCAPARKVE VPGECCEKWI CGPDEEDSLG GLTLAAYRPE ATLGVEVSDS SVNCIEQTTE WTACSKSCGM GFSTRVTNRN RQCEMLKQTR LCMVRPCEQE PEQPTDKKGK KCLRTKKSLK AIHLQFKNCT SLHTYKPRFC GVCSDGRCCT PHNTKTIQAE FQCSPGQIVK KPVMVIGTCT CHTNCPKNNE AFLQELELKT TRGKMHHHHH H.		
Solubility	It is recommended to add 200µl deionized water to prepare a working stock solution of approximately 0.5mg/ml and let the lyophilized pellet dissolve completely. NOV is not sterile! Please filter the product by an appropriate sterile filter before using it in the cell culture.		
Formulation	NOV filtered (0.4 µm) and lyophilized from 0.5mg/ml in PBS and 5 % (w/v) trehalose.		

**Introduction**

Nephroblastoma Overexpressed (NOV) which is encoded by the NOV gene is a part of the CCN (CTGF/CYR61/NOV) family. NOV takes part in reducing tumorigenicity and proliferation of certain cancer cell lines. NOV interacts with numerous proteins and is involved in both internal and external cell signaling. NOV is expressed in particular tumors, including Wilm's tumor and most nephroblastomas and is also exerts proangiogenic activities.

**Caution: Product has not been fully validated for medical applications. For research use only.**

Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com

Address: 10292 Central Ave. #205, Montclair, CA, USA

---

---

## Product Data Sheet

---

### Stability

Store lyophilized protein at -20°C . Aliquot the product after reconstitution to avoid repeated freezing/thawing cycles. Reconstituted protein can be stored at 4°C for a limited period of time; it does not show any change after one week at 4°C .

### Background

NOV Human Recombinant produced in HEK293 cells is a single, glycosylated polypeptide chain (a.a 33-357) containing 331 amino acids including a 6 a.a C-terminal His tag. The total molecular mass is 36.5kDa (calculated).

**Caution: Product has not been fully validated for medical applications. For research use only.**

**Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com**

**Address: 10292 Central Ave. #205, Montclair, CA, USA**