NOV Human HEK293

Product Data Sheet

Type: Recombinant
Source: HEK293
Species: Human
Other names: Nephroblastoma Overexpressed gene, CCN3, IGFBP9, NovH

Cat. No.:
RD172528100 (0.1 mg)

Description

Total 331 AA. MW: 36.5 kDa (calculated). UniProtKB acc. No. P48745 (Gln33-Met357). C-terminal His-tag (6 extra AA). Protein identity confirmed by LC-MS/MS.

Research topic

Cardiovascular disease, Coronary artery disease, Oncology

Amino Acid Sequence

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QRCPPQCPGR CPATPPTCAP GVRAVLDGCS CCLVCARQRG ESCSDLEPCD ESSGLYCDRS ADPSNQTGIC TAVEGDNCVF
DGVIYRSGEK FQPSCKFQCT CRDGQIGCVP RCQLDVLLPE PNCPAPRKVE VPGECCEKWI CGPDEEDSLG GLTLAAYRPE
ATLGVEVSDS SVNCIEQTTE WTACSKSCGM GFSTRVTNRN RQCEMLKQTR LCMVRPCEQE PEQPTDKKGK KCLRTKKSLK
AIHLQFKNCT SLHTYKPRFC GVCSDGRCCT PHNTKTIQAE FQCSPGQIVK KPVMVIGTCT CHTNCPKNNE AFLQELELKT TRGKM
HHHHH H
```

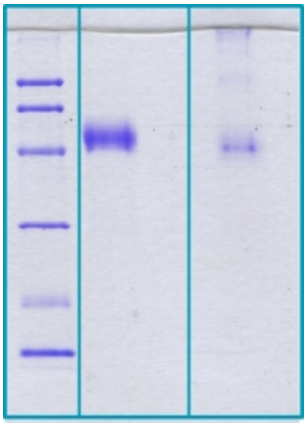
Source

HEK293

Purity

Purity as determined by densitometric image analysis: > 90 %

SDS-PAGE gel



12 % SDS-PAGE separation of Human NOV (HEK):

1. M.W. marker - 14, 21, 31, 45, 66, 97 kDa

2. Reduced and boiled sample, 2.5 µg/lane

3. Non-reduced and non-boiled sample, 2.5 µg/lane

Endotoxin

< 1.0 EU/µg

Formulation

Filtered (0.4 µm) and lyophilized in phosphate buffered saline + 5 % (w/v) trehalose.

Reconstitution

Add 200 µl of deionized water to prepare a working stock solution of approximately 0.5 mg/ml and let the lyophilized pellet dissolve completely. Filter sterilize your culture media/working solutions containing this non-sterile product before using in cell culture.

Shipping

At ambient temperature. Upon receipt, store the product at the temperature recommended below.

Storage, Stability/Shelf Life

Store the lyophilized protein at -80 °C. Lyophilized protein remains stable until the expiry date when stored at -80 °C. Aliquot reconstituted protein to avoid repeated freezing/thawing cycles and store at -80 °C for long term storage. Reconstituted protein can be stored at 4 °C for a week.

Quality Control Test

BCA to determine quantity of the protein.
SDS-PAGE to determine purity of the protein.
This product is intended for research use only.

Applications

Cell culture and/or animal studies, ELISA, Western blotting

Note

This product is intended for research use only.

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