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NOV Human, HEK

Nephroblastoma Overexpressed Human Recombinant, HEK
GRF0282

Product Overview

Name	NOV Human, HEK

Description

Nephroblastoma Overexpressed Human Recombinant, HEK

Accession (Primary)	P48745

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.

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 tumorgenicity 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.

Source

HEK293 cells.

Physical Appearance

Filtered White lyophilized (freeze-dried) powder.

Formulation

NOV filtered (0.4 µm) and lyophilized from 0.5mg/ml in PBS and 5 % (w/v) trehalose.

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.

Purity

Greater than 90.0% as determined by SDS-PAGE.

Amino acid sequence

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 .

Solubility

It is recommended to add 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.

Precautions

NOV Human, HEK is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (P48745)