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32-6509: NOV Human, HEK

Alternative Name :	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.

Description

Source: HEK293 cells.
Filtered White lyophilized (freeze-dried) powder.
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 WilmÂ's tumor and most nephroblastomas and is also exerts proangiogenic activities.
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).Â

Product Info

Amount :	2 µg / 10 µg
Purification :	Greater than 90.0% as determined by SDS-PAGE.
Content :	NOV filtered (0.4 µm) and lyophilized from 0.5mg/ml in PBS and 5 % (w/v) trehalose. 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.
Storage condition :	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.
Amino Acid :	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 TRGKMHHHHH H. Â