9853 Pacific Heights Blvd.
Suite D. San Diego,
CA 92121, USA
Tel: 858-263-4982
Email: info@abeomics.com

32-1619: mNOV Recombinant Protein

Alternative Name : Protein NOV homolog,NovH,CCN family member 3,Nephroblastoma-overexpressed gene protein homolog,Nov,Ccn3,C130088N23Rik.

Description

Source : Escherichia Coli. NOV Mouse Recombinant produced in E.coli is a single, non-glycosylated polypeptide chain containing 333 amino acids and having a molecular mass of 36.4kDa.The NOV is purified by proprietary chromatographic techniques. Nephroblastoma Overexpressed (NOV) is a member of the CCN family of secreted cysteine rich regulatory proteins. The full length NOV protein is comprised of 4 structural domains, which present distinct, and sometimes opposing, biological activities. An elevated expression of NOV is linked with certain tumors, including Wilm's tumor and most nephroblastomas. On the other hand, in other tumor types and certain cancer cell lines, increased tumorgenicity and proliferation is associated with decreased NOV expression.

Product Info

Amount :	20 µg
Purification :	Greater than 95.0% as determined by:(a) Analysis by RP-HPLC.(b) Analysis by SDS-PAGE.
Content :	NOV protein was lyophilized from a 0.2µm filtered concentrated solution in 20mM Tris-HCl, pH 8.5 and 150mM NaCl.
Storage condition :	Lyophilized NOV although stable at room temperature for 3 weeks, should be stored desiccated below -18°C. Upon reconstitution NOV should be stored at 4°C between 2-7 days and for future use below -18°C. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Please prevent freeze-thaw cycles.
Amino Acid :	QVSASLRCPS RCPPKCPSIS PTCAPGVRSV LDGCSCCPVC ARQRGESCSE MRPCDQSSGL YCDRSADPNN QTGICMVPEG DNCVFDGVIY RNGEKFEPNC QYFCTCRDGQ IGCLPRCQLD VLLPGPDCPA PRKVAVPGEC CEKWTCGSDE QGTQGTLGGL ALPAYRPEAT VGVEVSDSSI NCIEQTTEWS ACSKSCGMGV STRVTNRNRQ CEMVKQTRLC IVRPCEQEPE EVTDKKGKKC LRTKKSLKAI HLQFENCTSL YTYKPRFCGV CSDGRCCTPH NTKTIQVEFQ CLPGEIIKKP VMVIGTCTCY SNCPQNNEAF LQDLELKTSR GEI.

Application Note

It is recommended to reconstitute the lyophilized NOV in sterile 18M-cm H2O not less than 100ÃÂµg/ml, which can then be further diluted to other aqueous solutions. The ED50 as determined by a cell proliferation assay using murine Balb/c 3T3 cells is less than 1.0 ÃÂ¼g/ml, corresponding to a specific activity of > 1000 IU/mg.