

Recombinant Human NOV protein, T7/His-tagged

Cat. No. NOV-80H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human NOV cDNA (32 - 357aa, derived from BC015028) fused with T7-His-TEV cleavage site Tag (29aa) at N-terminal was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	32-357 a.a.
Form	1.0 mg/ml, sterile-filtered, in 20 mM pH 8.0 Tris-HCl Buffer, with proprietary formulation of NaCl, KCl, EDTA, arginine, DTT and Glycerol.
AA Sequence	MASMTGGQQMGRGHHHHHHGNLYFQGGEFTQRCPPQCPGRCPATPPTCAPGVR AVLDGCSCCLVCARQRGESCS D LEPCDESSGLYCDRSADPSNQTGICTAVEGDNC VFDGVIYRSGEKFQPSCKFQCTCRDQGIGCVPRCQLDVLLPE PNC PAPRKVEVPG ECCEKWICGPDEEDSLGGLTLAAYRPEATLGVEVSDSSVNCIEQTTEWTACSKSCG MGFSTR VTNRNRQCEMLKQTRLCMVRPCEQEPEQPTDKKGKKCLRTKKSLKAIHL QFKNCTSLHTYKPRFCGVCS DGRCT PHNTKTIQAEFQCSPGQIVKKPVMVIGTCT CHTNCPKNNEAFLQELELKTTRGKM
Purity	>90% by SDS-PAGE
Applications	1. May be used for in vitro NOV mediated various type of cells differentiation regulation study with this protein as either coating matrix protein or as soluble factor.2. May be used for NOV protein – protein interaction assay.3. May be used as

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enzymatic substrate for various proteases.4. May be used for specific antibody production.

Storage

Keep at -80centigrade for long term storage. Product is stable at 4 centigrade for at least 30 days.

GENE INFORMATION
Gene Name

NOV nephroblastoma overexpressed [Homo sapiens]

Official Symbol

NOV

Synonyms

NOV; nephroblastoma overexpressed; nephroblastoma overexpressed gene; protein NOV homolog; CCN3; IGFBP9; CCN family member 3; IGF-binding protein 9; insulin-like growth factor-binding protein 9; nephroblastoma-overexpressed gene protein homolog; NOVh; IBP

Gene ID

4856

mRNA Refseq

NM_002514

Protein Refseq

NP_002505

MIM

164958

UniProt ID

P48745

**Chromosome
Location**

8q24.12

Pathway

Delta-Notch Signaling Pathway, organism-specific biosystem;

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Function

growth factor activity; insulin-like growth factor binding;

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