Active Recombinant Human NOV protein, His-tagged

Cat. No. NOV-2211H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human NOV protein(NP_002505.1)(Met1-Met357), fused with His tag, was expressed in Insect Cells.
Species	Human
Source	Insect Cells
ProteinLength	Met1-Met357
Form	Lyophilized from sterile 50mM Tris, 100mM NaCl, 0.5mM PMSF, 10mM Imidazole, 10% Glycerol, pH 7.4Please contact us for any concerns or special requirements. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization. Please refer to the specific buffer information in the hard copy of CoA.
Bio-activity	Measured by the ability of the immobilized protein to support the adhesion of Balb/3T3 mouse embryonic fibroblast cells. When cells are added to CCN3-coated plates (10 μg/ml, 100 μl/well), >50% cells will adhere specifically after 60 minutes at 37 ℃.
Molecular Mass	The secreted recombinant human NOV consists of 337 amino acids and predicts a molecular mass of 37 kDa. It migrates as an approximately 47 kDa band in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 EU per

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	μg of the protein as determined by the LAL method
Purity	> 94 % as determined by SDS-PAGE
Storage	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C. Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

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-9; IGFBP-9;
Gene ID	4856
mRNA Refseq	NM_002514
Protein Refseq	NP_002505
MIM	164958
UniProt ID	P48745

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