

Recombinant Human NOV, His-tagged

Cat. No. NOV-27805TH Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant fragment: KGKKCLRTKK SLKAIHLQFK NCTSLHTYKP RFCGVCS DGR CCTPHNTKI QAEFQCSPGQ IVKKPVMVIG TCTCHTNCPK NNEAFLQELE LKTRGKM, corresponding to amino acids 260-357 of Human CCN3, fused to His tag, 18kDa.
Species	Human
Source	E.coli
ProteinLength	260-357 a.a.
Description	The protein encoded by this gene is a small secreted cysteine-rich protein and a member of the CCN family of regulatory proteins. CNN family proteins associate with the extracellular matrix and play an important role in cardiovascular and skeletal development, fibrosis and cancer development.
Conjugation	HIS
Tissue specificity	Expressed in bone marrow, thymic cells and nephroblastoma. Increased expression in Wilms tumor of the stromal type.
Form	Liquid
Purity	>90% by SDS-PAGE

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Storage buffer	Preservative: None Constituents: 1X PBS
Storage	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
Sequences of amino acids	KGKKCLRTKKSLKAIHLQFKNCTSLHTYKPRFCGVCS DGR C CTPHNTKTIQAEFQCS PGQIVKKPVMVIGTCTCHTNCPKNNEAFLQELELKTTRGKM
Sequence Similarities	Belongs to the CCN family. Contains 1 CTCK (C-terminal cystine knot-like) domain. Contains 1 IGF1BP3 N-terminal domain. Contains 1 TSP type-1 domain. Contains 1 VWFC domain.

GENE INFORMATION

Gene Name	NOV nephroblastoma overexpressed gene [Homo sapiens]
Official Symbol	NOV
Synonyms	NOV; nephroblastoma overexpressed gene; protein NOV homolog; CCN3; IGF1BP3;
Gene ID	4856
mRNA Refseq	NM_002514
Protein Refseq	NP_002505
MIM	164958
Uniprot ID	P48745
Chromosome Location	8q24.12

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Pathway Delta-Notch Signaling Pathway, organism-specific biosystem;

Function growth factor activity; insulin-like growth factor binding;

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