

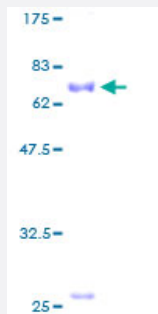
Full-Length

NOV (Human) Recombinant Protein (P01)

Catalog # H00004856-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human NOV full-length ORF (AAH15028, 1 a.a. - 357 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MQSVQSTSFCLRKQCLCLTFLLLHLLGQVAATQRCPPQCPGRCPATPPTCAPGVRAVLDCSC
CLVCARQRGESCSLEPCDEGSLGYCDRSADPSKQTGICTAVEGDNCFDGVYRSGEKFQPS
CKFQCTCRDGGQIGCVPRCQLDVLLPEPNCAPARKVEVPGECCCKWICGPDEEDSLGGLTLAAY
RPEATLGVEVSDSSVNCIEQTTEWTACSKSCGMGFSTRVTNRNRQCEMLKQTRLCMVRPCEQE
PEQPTDKKGKKCLRTKKSLKAIHLQFKNCTSLHTYKPRFCGVCSDGRCTPHNTKTIQAEFQCSP
GQVKKPVMVIGTCTCHTNCPKNNEAFLQELELKTTRGKM

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

65.01

Preparation Method

[in vitro wheat germ expression system](#)

Purification

Glutathione Sepharose 4 Fast Flow

Quality Control Testing

12.5% SDS-PAGE Stained with Coomassie Blue.

Storage Buffer

50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

Storage Instruction

Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Note

Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — NOV

Entrez GeneID [4856](#)**GeneBank Accession#** [BC015028](#)**Protein Accession#** [AAH15028](#)**Gene Name** NOV**Gene Alias** CCN3, IGFBP9**Gene Description** nephroblastoma overexpressed gene**Omim ID** [164958](#)**Gene Ontology** [Hyperlink](#)

Gene Summary The protein encoded by this gene is a small secreted cysteine-rich protein and a member of the CCN family of regulatory proteins. CCN family proteins associate with the extracellular matrix and play an important role in cardiovascular and skeletal development, fibrosis and cancer development . [provided by RefSeq]

Other Designations nephroblastoma overexpressed

Publication Reference

- [Roles of heterotypic CCN2/CTGF-CCN3/NOV and homotypic CCN2-CCN2 interactions in expression of the differentiated phenotype of chondrocytes.](#)

Hoshijima M, Hattori T, Aoyama E, Nishida T, Yamashiro T, Takigawa M.

The FEBS Journal 2012 Oct; 279(19):3584.

Application: Func, PI, Recombinant protein

- [Novel effects of CCN3 that may direct the differentiation of chondrocytes.](#)

Janune D, Kubota S, Nishida T, Kawaki H, Perbal B, Iida S, Takigawa M.

FEBS Letters 2011 Oct; 585(19):3033.

Application: Func, Rat, Rat epiphyseal chondrocytes