

## Recombinant Canine NOV, His tagged

**Cat. No.** NOV-219C    **Lot. No.** (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Canine NOV (XP_532317.3) (Met1-Met353), fused with a C-terminal polyhistidine tag, was produced in Human Cells.
<b>Species</b>	Canine
<b>Source</b>	Human Cells
<b>ProteinLength</b>	1-353 a.a.
<b>Predicted N Terminal</b>	Gln 29
<b>Form</b>	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose and mannitol are added as protectants before lyophilization.
<b>Molecular Mass</b>	The recombinant canine NOV comprises 336 amino acids and has a predicted molecular mass of 36.9 kDa. The apparent molecular mass of the protein is approximately 40-47 kDa in SDS-PAGE under reducing conditions due to glycosylation.
<b>Endotoxin</b>	< 1.0 eu per µg of the protein as determined by the LAL method.
<b>Purity</b>	>85 % as determined by SDS-PAGE
<b>Stability</b>	Samples are stable for up to twelve months from date of receipt at -70oC.

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**Storage** Store it under sterile conditions at -20oC~-70oC. 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. Centrifuge the vial at 4°C before opening to recover the entire contents.

## GENE INFORMATION

**Gene Name** NOV?nephroblastoma overexpressed gene [?Canis lupus familiaris(dog) ]

**Official Symbol** NOV

**Gene ID** 475083

**mRNA Refseq** XM\_532317

**Protein Refseq** XP\_532317

**Chromosome Location** 13

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