

## Recombinant Human NUDC protein, His & T7-tagged

Cat. No. NUDC-1706H    Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human NUDC aa. (Ala167~Ser298 (Accession # Q9Y266)) fused with N-terminal His & T7 tag was produced in E. coli cells.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	Ala167~Ser298
<b>Description</b>	This gene encodes a nuclear distribution protein that plays an essential role in mitosis and cytokinesis. The encoded protein is involved in spindle formation during mitosis and in microtubule organization during cytokinesis. Pseudogenes of this gene are found on chromosome 2.
<b>Form</b>	Freeze-dried powder
<b>Molecular Mass</b>	Predicted Molecular Mass: 19.1kDa
<b>Endotoxin</b>	<1.0EU per 1ug (determined by the LAL method)
<b>Purity</b>	>90%
<b>Applications</b>	SDS-PAGE; WB; ELISA; IP.
<b>Stability</b>	The thermal stability is described by the loss rate. The loss rate was determined by

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accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

**Storage**

Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.

**Storage buffer**

Supplied as lyophilized form in PBS, pH7.4, containing 5% trehalose, 0.01% sarcosyl.

**Reconstitution**

Reconstitute in sterile PBS, pH7.2-pH7.4.

**Isoelectric Point**

5.8

## GENE INFORMATION

**Gene Name**

NUDC nuclear distribution C, dynein complex regulator [ [Homo sapiens \(human\)](#) ]

**Official Symbol**

NUDC

**Synonyms**

NUDC; nuclear distribution C, dynein complex regulator; HNUDC; MNUDC; NPD011; nuclear migration protein nudC; nuclear distribution C homolog; nuclear distribution gene C homolog; nuclear distribution protein C homolog; nudC nuclear distribution protein

**Gene ID**

10726

**mRNA Refseq**

[NM\\_006600.3](#)

**Protein Refseq**

[NP\\_006591.1](#)

**UniProt ID**

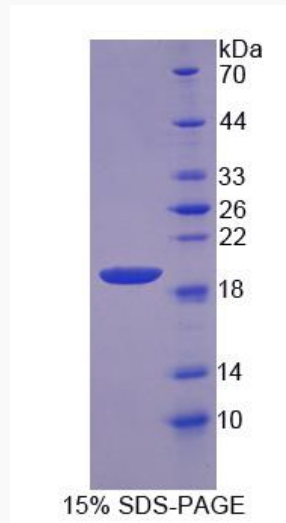
[Q9Y266](#)

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**SDS-PAGE**



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