

Recombinant Human NUDC protein, His & T7-tagged

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

SPECIFICATION

Product Overview	Recombinant Human NUDC aa. (Ala167~Ser298 (Accession # Q9Y266)) fused with N-terminal His & T7 tag was produced in E. coli cells.
Species	Human
Source	E.coli
ProteinLength	Ala167~Ser298
Description	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.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 19.1kDa
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Purity	>90%
Applications	SDS-PAGE; WB; ELISA; IP.
Stability	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

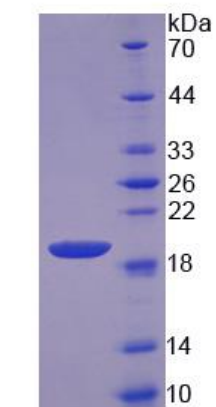
Q9Y266

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SDS-PAGE



15% SDS-PAGE

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