

Recombinant Human NUDC Protein, His-tagged

Cat. No. NUDC-645H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human NUDC (NP_006591.1) (Met1-Asn331) was expressed with a polyhistidine tag at the C-terminus.
Species	Human
Source	HEK293
ProteinLength	1-331 a.a.
Predicted N Terminal	Met
Form	Lyophilized from sterile 20 mM Tris, 500 mM NaCl, 20 % glycerol, pH 7.4, 5% ~ 8% trehalose and mannitol.
Molecular Mass	The recombinant human NUDC consists 342 amino acids and predicts a molecular mass of 39.7 kDa.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method.
Purity	>95 % as determined by SDS-PAGE.
Stability	Samples are stable for up to twelve months from date of receipt at -70°C.
Storage	Store it under sterile conditions at -20°C~-70°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

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Reconstitution

It is recommended that sterile water be added to the vial to prepare a stock solution of 0.25 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name [NUDC nuclear distribution C homolog \(A. nidulans\) \[Homo sapiens \]](#)

Official Symbol [NUDC](#)

Synonyms NUDC; nuclear distribution C homolog (A. nidulans); nuclear distribution gene C (A.nidulans) homolog , nuclear distribution gene C homolog (A. nidulans); nuclear migration protein nudC; NudC; nuclear distribution gene C homolog; nuclear distribution protein C homolog; HNUDC; MNUDC; NPD011;

Gene ID [10726](#)

mRNA Refseq [NM_006600](#)

Protein Refseq [NP_006591](#)

MIM [610325](#)

UniProt ID [Q9Y266](#)

Chromosome Location 1p35-p34

Pathway Cell Cycle, organism-specific biosystem; Cell Cycle, Mitotic, organism-specific biosystem; DNA Replication, organism-specific biosystem; Lissencephaly gene (LIS1) in neuronal migration and development, organism-specific biosystem; M Phase, organism-specific biosystem; Mitotic M-M/G1 phases, organism-specific biosystem;

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Mitotic Prometaphase, organism-specific biosystem;

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