

Product information

NUDC, 1-331aa

Human, His-tagged, Recombinant, *E.coli*

Cat. No. IBATGP3418

Full name: Nuclear distribution gene C homolog

NCBI Accession No.: AAH02399

Synonyms: HNUDC, MNUDC, NPD011

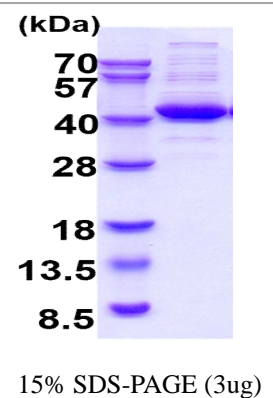
Description: NUDC, also as known as nuclear distribution gene C homolog, is a nuclear distribution protein. This protein plays an essential role in mitosis and cytokinesis. It is involved in spindle formation during mitosis and in microtubule organization during cytokinesis. Recombinant human NUDC, fused to His-tag at N-terminus, was expressed in *E.coli* and purified by using conventional chromatography techniques.

Form: Liquid. In 20mM Tris-HCl (pH 8.0) containing 10% glycerol, 1mM DTT

Molecular Weight: 40.6 kDa (354aa) confirmed by MALDI-TOF

Purity: > 90% by SDS - PAGE

Concentration: 1mg/ml (determined by Bradford assay)



Sequences of amino acids:

MGSSHHHHHH SSGLVPRGSH MGS MGGEQEE ERFDGMILLAM AQQHEGGVQE LVNTFFSFLR RKTDFFIGGE EGMAEKLITQ TFSHHNQLAQ
KTRREKRARQ EAERREKAER AARLAKEAKS ETSGPQIKEL TDEEAERLQL EIDQKKDAEN HEAQLKNGSL DSPGKQDTEE DEEEDKDKG
KLKPNLGNGA DLPNYRWTQT LSELDLAVPF CVNFRLKGD MVVDIQRHL RVGLKGQPAI IDGELYNEVK VEESWLIED GKVVTVHLEK
INKMEWWSRL VSSDPEINTK KINPENSCLS DLSETRSMV EKMMYDQRQK SMGLPTSDEQ KKQEILKKFM DQHPMDFSK AKFN

General references:

Morris SM. *et al.*, (1998) *Curr Biol.* 8(10):603-6.

Matsumoto N. *et al.*, (1999) *Hum Genet.* 104(6):498-504.

Storage: Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C.

Avoid repeated freezing and thawing cycles.

For research use only. This product is not intended or approved for human, diagnostics or veterinary use.



Manufactured for:

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