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32-13345: NUDC Human

Alternative Name :	Nuclear Distribution C Dynein Complex Regulator, NudC Nuclear Distribution Protein, Nuclear Distribution Protein C Homolog, Nuclear Distribution Gene C Homolog, Nuclear Distribution C Homolog, Nuclear Migration Protein NudC, NPD011, HNUDC, MNUDC, NUDC.

Description

Source: Escherichia Coli.
Sterile Filtered colorless solution.
Nuclear distribution gene C homolog (NUDC) is a nuclear distribution protein. The NUDC protein has a key role in mitosis and cytokinesis. NUDC is involved in spindle formation during mitosis and in microtubule organization during cytokinesis. NUDC is required for correct formation of mitotic spindles and chromosome separation during mitosis, as well as cell proliferation. NUDC also has a role in neurogenesis and neuronal migration.
NUDC Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 354 amino acids (1-331 a.a) and having a molecular mass of 40.6kDa. NUDC is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

Product Info

Amount :	2 µg / 10 µg
Purification :	Greater than 90.0% as determined by SDS-PAGE.
Content :	NUDC protein solution (1mg/ml) containing 20mM Tris-HCl (pH 8.0), 10% glycerol and 1mM DTT.
Storage condition :	Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA).Avoid multiple freeze-thaw cycles.
Amino Acid :	MGSSHHHHHH SSGLVPRGSH MGSMGGEQEE ERFDGMLLAM AQQHEGGVQE LVNTFFSFLR RKTDFFIGGE EGMAEKLITQ TFSHHNQLAQ KTRREKRARQ EAERREKAER AARLAKEAKS ETSGPQIKEL TDEEAERLQL EIDQKKDAEN HEAQLKNGSL DSPGKQDTEE DEEEDEKDKG KLKPNLGNGA DLPNYRWTQT LSELDLAVPF CVNFRLKGKD MVVDIQRRHL RVGLKGQPAI IDGELYNEVK VEESSWLIED GKVVTVHLEK INKMEWWSRL VSSDPEINTK KINPENSKLS DLDSETRSMV EKMMYDQRQK SMGLPTSDEQ KKQEILKKFM DQHPEMDFSK AKFN.