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NUDC, 1-331aa, Human, His tag, E.coli

产品货号: TP03220

第三版

别名: Nuclear distribution gene C homolog, HNUDC, MNUDC, NPD011, MNUDC protein, NPD011 Nuclear distribution C homolog, Nuclear distribution gene C (*A.nidulans*) homolog.

描述: 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.

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

分子量: 40.6 kDa (354aa), confirmed by MALDI-TOF

序列:

MGSSHHHHHSSGLVPRGSHMGSMGGEQEERFDGMLLAMAQQHEGGVQELVNTFFSFLRRKTDFFIGGEEGMAEKLI
TQTFSHHNQLAQKTRREKRARQEAERREKAERAARLAKEAKSETSGPQIKELTDEEAERLQLEIDQKKDAENHEAQLKNG
SLDSPGKQDTEEDEEEDEKDKGKLPNLGNGADLPNYRWTQTLSELDLAVPFCVNFRLKKGDMVVDIQRRLRVGLKG
QPAIIDGELYNEVKVEESSWLIEDGKVVTVHLEKINKMEWWSRLVSSDPEINTKKINPENSKLSDLDSETRSMVEKMMYDQ
RQKSMGLPTSDEQKKQEILKKFMDQHPEMDFSKAKFN

纯度: > 95% by HPLC

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

内毒素: <1.0 EU per 1 ug of protein (determined by LAL method)

存储: +4 ° C 保存 (1-2 周). 长期保存在 -20 ° C 或者 -70 ° C. 避免反复冻融.