9051 Mira Mesa Blvd, #910094
San Diego, CA 92191
Tel: 760-390-3989

NUDC Human

NudC Nuclear Distribution Protein Human Recombinant
RCP1537

Product Overview

Name	NUDC Human
Description	
NudC Nuclear Distribution Protein Human Recombinant	
Accession (Primary)	Q9Y266
Synonyms	
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.	
Introduction	
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.	
Source	
Escherichia Coli.	
Physical Appearance	
Sterile Filtered colorless solution.	
Formulation	
NUDC protein solution (1mg/ml) containing 20mM Tris-HCl (pH 8.0), 10% glycerol and 1mM DTT.	
Stability	
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.	
Purity	
Greater than 90.0% as determined by SDS-PAGE.	
Amino acid sequence	
MGSSHHHHHH SSGLVPRGSH MGS MGGEQEE ERFDGMLLAM AQQHEGGVQE LVNTFFSFLR RKTDFFIGGE EGMAEKLITQ TFSHHNQLAQ KTRREKRARQ EAERREKAER AARLAKEAKS ETSGPQIKEL TDEEAERLQL EIDQKKDAEN HEAQLKNGSL DSPGKQDTEE DEEEDEKDKG KLKPNLGNGA DLPNYRWTQT LSELDLAVPF	

9051 Mira Mesa Blvd, #910094
San Diego, CA 92191
Tel: 760-390-3989

CVNFRLKGKD MVVDIQRRHL RVGLKGQPAI IDGELYNEVK VEESSWLIED GKVVTVHLEK INKMEWWSRL VSSDPEINTK KINPENSKLS DLDSETRSMV EKMMYDQRQK SMGLPTSDEQ KKQEILKKFM DQHPEMDFSK AKFN.

Precautions

NUDC Human is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (Q9Y266)