

NUDC Protein, Human, Recombinant (His)

General Information

Synonyms:	nudC nuclear distribution protein;MNUDC;HNUDC;NPD011
Protein Construction:	A DNA sequence encoding the human NUDC (NP_006591.1) (Met1-Asn331) was expressed with a polyhistidine tag at the C-terminus. Predicted N terminal: Met
Species:	Human
Expression Host:	HEK293 Cells
Accession:	Q9Y266
Molecular Weight:	39.7 kDa (predicted)

QC Testing

Biological Activity:	Activity testing is in progress. It is theoretically active, but we cannot guarantee it. If you require protein activity, we recommend choosing the eukaryotic expression version first.
Purity:	> 95 % as determined by SDS-PAGE.
Endotoxin:	< 1.0 EU/ μ g of the protein as determined by the LAL method.
Formulation:	Supplied as sterile 20 mM Tris, 500 mM NaCl, 20% glycerol, pH 7.4.

Preparation and Storage

Reconstitution:

A Certificate of Analysis (CoA) containing reconstitution instructions is included with the products. Please refer to the CoA for detailed information.

Stability & Storage:

It is recommended to store the product under sterile conditions at -20°C to -80°C . Samples are stable for up to 12 months. Please avoid multiple freeze-thaw cycles and store products in aliquots.

Actual storage temperature shall be subject to the COA.

Shipping:

Proteins are shipped with blue ice.

Protein Background

NUDC (Nuclear Distribution C, Dynein Complex Regulator) is a Protein Coding gene. NUDC consists of at least 9 exons ranging from 66 bp to 266 bp in size and 8 introns from 92 bp to 2.0 kb in length, and the total genomic region spans about 8 kb. NUDC was mapped to 1p34-p35 by fluorescence in situ hybridization. This gene encodes a nuclear distribution protein that plays an essential role in mitosis and cytokinesis. Nuclear migration is essential for the growth, development, and cellular function of eukaryotes. NUDC protein plays an important role in nuclear migration. It is widely expressed in the testis, adrenal, and other tissues. NUDC protein is expressed highly in CNE-2 and HNE-2 cells. Anti-NUDC antibody could inhibit the growth of CNE-2 and HNE-2 cells.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481