

Product datasheet for PH303543

NUDC (NM_006600) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	NUDC MS Standard C13 and N15-labeled recombinant protein (NP_006591)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC203543
Predicted MW:	38.2 kDa
Protein Sequence:	>RC203543 protein sequence Red=Cloning site Green=Tags(s) MGGEQEEERFDGMLLAMAQQHEGGVQELVNTFFSFLRRKTDFFIGGEEGMAEKLITQTFSHHNQLAQKTR REKRARQEAERREKAERAARLAKEAKSETSGPQIKELTDEEAERLQLEIDQKKDAENHEAQLKNGSLDSP GKQDTEEDEEEDKDKGKLPNLGNGADLPNYRWTQTLSELDLAVPFCVNFRLKGDMMVVDIQRRLRVG LKGQPAIDGELYNEVKVESSWLIEDGKVTVHLEKINKMEWWSRLVSSDPEINTKKINPENSKLSLDL SETRSMVEKMMYDQRQKSMGLPTSDEQKKQEILKKFMDQHPMDFSKAKFN TRTRPLEQKLI SEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	NP_006591
RefSeq Size:	1813
RefSeq ORF:	993
Synonyms:	HNUDC; MNUDC; NPD011
Locus ID:	10726



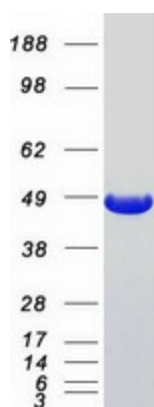
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UniProt ID: [Q9Y266](#)

Cytogenetics: 1p36.11

Summary: This gene encodes a nuclear distribution protein that plays an essential role in mitosis and cytokinesis. The encoded protein is involved in spindle formation during mitosis and in microtubule organization during cytokinesis. Pseudogenes of this gene are found on chromosome 2. [provided by RefSeq, Feb 2012]

Product images:



Coomassie blue staining of purified NUDC protein (Cat# [TP303543]). The protein was produced from HEK293T cells transfected with NUDC cDNA clone (Cat# [RC203543]) using MegaTran 2.0 (Cat# [TT210002]).