

Product datasheet for **TP300179L**

NDE1 (NM_017668) Human Recombinant Protein

Product data:

Product Type: Recombinant Proteins
Description: Recombinant protein of human nudE nuclear distribution gene E homolog 1 (A. nidulans) (NDE1), transcript variant 2, 1 mg
Species: Human
Expression Host: HEK293T
Expression cDNA Clone or AA Sequence: >RC200179 protein sequence
Red=Cloning site **Green**=Tags(s)

MEDSGKTFSSSEEEANYWKDLAMTYKQRAENTQEELREFQEGSREYEALETQLQQIETRNRDLLSENNR
LRMELETIKEKFEVQHSEGYRQISALEDDLAQTKAIKDQLQKYIRELEQANDDLERAKRATIMSLEDFEQ
RLNQAIERNAFLESELDEKENLLESVQRLKDEARDLRQELAVQQKQEKPRTPMPSSVEAERTDTAVQATG
SVPSTPIAHRGPSSSLNTPGSFRRGLDDSTGGTPLTPAARISALNIVGDLLRKVGALESKLASCRNLVYD
QSPNRTGGPASGRSSKNRDGGERRPSSTSVP LGDKLDTSCRWLSKSTTRSSSSC

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

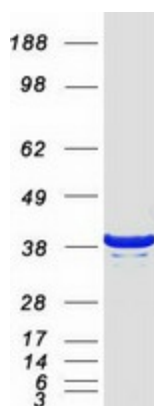
Tag: C-Myc/DDK
Predicted MW: 37.5 kDa
Concentration: >0.05 µg/µL as determined by microplate BCA method
Purity: > 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer: 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation: Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note: For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage: Store at -80°C.
Stability: Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq: [NP_060138](#)
Locus ID: 54820



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UniProt ID:	Q9NXR1
RefSeq Size:	3222
Cytogenetics:	16p13.11
RefSeq ORF:	1005
Synonyms:	HOM-TES-87; LIS4; MHAC; NDE; NUDE; NUDE1
Summary:	This gene encodes a member of the nuclear distribution E (NudeE) family of proteins. The encoded protein is localized at the centrosome and interacts with other centrosome components as part of a multiprotein complex that regulates dynein function. This protein plays an essential role in microtubule organization, mitosis and neuronal migration. Mutations in this gene cause lissencephaly 4, a disorder characterized by lissencephaly, severe brain atrophy, microcephaly, and severe cognitive disability. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Mar 2012]

Product images:



Coomassie blue staining of purified NDE1 protein (Cat# [TP300179]). The protein was produced from HEK293T cells transfected with NDE1 cDNA clone (Cat# [RC200179]) using MegaTran 2.0 (Cat# [TT210002]).