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NDE1, 1-335aa, Human, His tag, E.coli

产品货号: TP03114

第三版

**别名:** Nuclear distribution protein nudE homolog 1, FLJ20101, HOM-TES-87, NUDE, NUDE, nudE nuclear distribution gene E homolog 1 (A. nidulans).

**描述:** NDE1 is a cytoplasmic protein belonging to the nudE protein family. Phosphorylated during mitosis, it is essential for the formation and function of the mitotic spindle in M phase and functions to regulate the Dynein-mediated transport of kinetochore proteins, as well as centrosome duplication during interphase. NDE1 is thought to interact with NDEL1, LIS1 and Dynein IC1/2, cytosolic in a signaling pathway that regulates the formation of neurons and is fundamental to the development of the cerebral cortex.

**配方:** Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 20% glycerol 5mM DTT, 0.2M NaCl.

**分子量:** 39.9 kDa (355aa) confirmed by MALDI-TOF (Molecular weight on SDS-PAGE will appear higher)

**序列:**

MGSSHHHHHSSGLVPRGSHMEDSGKTFSEEEEEANYWKDLAMTYKQRAENTQEELREFQEGSREYEALETQLQQIET  
RNRDLLSENRLRMELETIKEKFEVQHSEGYRQISALEDDLAQTKAIKDQLQKYIRELEQANDDLERAKRATIMSLEDFEQR  
LNQAIERNAFLESELDEKENLLESVQRLKDEARDLRQELAVQQKQEKPRTPMPSSVEAERTDTAVQATGSPSTPIAHRGPS  
SSLNTPGSFRRGLDDSTGGTPLTPAARISALNIVGDLLRKVGALESKLASCRNLVYDQSPNRTGGPASGRSSKNRDGGERRPS  
STSVPLGDKGLDTSRWLSKSTTRSSSSC

**纯度:** > 95% by HPLC

**浓度:** 0.5 mg/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.