

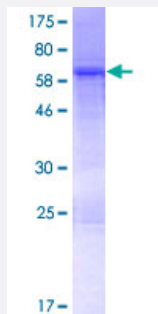
Full-Length

NDEL1 (Human) Recombinant Protein (P01)

Catalog # H00081565-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human NDEL1 full-length ORF (NP_110435.1, 1 a.a. - 345 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MDGEDIPDFSSLKEETAYWKELSLKYKQSFQEDELVEFQEGSRELEAELEAQLVQAEQRNRD
LQADNQRLKYEVEALKEKLEHQYAQSYKQSVLEDDLSQTRAKEQLHKYVRELEQANDDLERAK
RATVSLDFEQRLNQAIERNAFLESELDEKESLLVSVQRLKDEARDLRQELAVRERQQEVTRKS
APSSPTLDCEKMDSAVQASLSLPATPVGKGTEFTFSPKAIPNGFGTSPLTPSARISALNIVGDLL
RKVGALESKLAACRNFAKDQASRKSYSIGNVNCGVNLNGNGTKFSRSGHTSFFDKGAVNGFDPA
PPPPGLGSSRPSSAPGMLPLSV

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

64.8

Interspecies Antigen Sequence

Mouse (95); Rat (95)

Preparation Method

[in vitro wheat germ expression system](#)

Purification

Glutathione Sepharose 4 Fast Flow

Quality Control Testing

12.5% SDS-PAGE Stained with Coomassie Blue.

Storage Buffer

50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

Storage Instruction

Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Note

Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — NDEL1

Entrez GeneID[81565](#)**GeneBank Accession#**[NM_030808.3](#)**Protein Accession#**[NP_110435.1](#)**Gene Name**

NDEL1

Gene Alias

DKFZp451M0318, EOPA, MITAP1, NUDEL

Gene Description

nudE nuclear distribution gene E homolog (A. nidulans)-like 1

Omim ID[607538](#)**Gene Ontology**[Hyperlink](#)**Gene Summary**

This gene encodes a thiol-activated peptidase that is phosphorylated in M phase of the cell cycle. Phosphorylation regulates the cell cycle-dependent distribution of this protein, with a fraction of the protein bound strongly to centrosomes in interphase and localized to mitotic spindles in early M phase. Overall, this protein plays a role in nervous system development. Alternate transcriptional splice variants, encoding different isoforms, have been characterized. [provided by RefSeq]

Other Designations

NUDE-like protein|endooligopeptidase A|mitosin-associated protein MITAP1|nudE nuclear distribution gene E homolog like 1

Disease

- [Genetic Predisposition to Disease](#)
- [Mental Disorders](#)
- [Neuropsychological Tests](#)
- [Postmortem Changes](#)
- [Schizophrenia](#)