

NDEL1, 1-328aa, Human, His tag, E.coli

Cat.NO.: TP03115

3th Edition

Synonyms:Nuclear distribution protein nudE-like 1, EOPA, MITAP1, NUDEL

Description:NDEL1 is a coiled-coil protein that plays a role in multiple processes including cytoskeletal organization, cell signaling and neuron migration, outgrowth and maintenance. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene, and a pseudogene of this gene is located on the long arm of chromosome X. Recombinant human NDEL1 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.

Form:Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.15M NaCl, 10% glycerol, 1mM DTT

Molecular Weight:39.4 kDa (351aa) confirmed by MALDI-TOF

Sequences:

MGSSHHHHHSSGLVPRGSHMGSMGDGIPDFSSLKEETAYWKELSLKYKQSFQEARDELVEFQEGSRELEAEL
EAQLVQAEQRNRDLQADNQRKYEVEALKEKLEHQYAQSYKQVSVLEDDLSQTRAIKEQLHKYVRELEQANDDLE
RAKRATIVSLEDFEQRLNQAIERNAFLESELDEKESLLVSVQRLKDEARDLRQELAVRERQQEVTRKSAPSSPTLDC
EKMSAVQASLSLPATPVGKGTENTFFSPKAI PNGFGTSPLTPSARISALNIVGDLLRKVGALESKLAACRNFAKDQ
ASRKSYSIGNVNCVNLNGNGTKFSRSGHTSFFDKGQEKVIFPTLFMGQ

Purity:> 95% by HPLC

Concentration:0.5 mg/ml (determined by Bradford assay)

Endotoxin Level:<1.0 EU per 1 ug of protein (determined by LAL method)

Storage:Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.