9051 Mira Mesa Blvd, #910094
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NDEL1 Human

NudE Neurodevelopment Protein 1-Like 1 Human Recombinant
RCP1472

Product Overview

Name	NDEL1 Human

Description

NudE Neurodevelopment Protein 1-Like 1 Human Recombinant

Accession (Primary)	Q9GZM8

Synonyms

NudE Neurodevelopment Protein 1-Like 1, NUDEL, Mitosin-Associated Protein 1, Protein Nudel, EOPA, MITAP1, NudE Nuclear Distribution E Homolog (A. Nidulans)- Like 1, NudE Nuclear Distribution Gene E Homolog (A. Nidulans)-Like 1, NDE1L1, NDE2, Endooligopeptidase A, Mitosin-Associated Protein MITAP1, Nuclear Distribution Protein NudE-Like 1, NudE Nuclear Distribution E Homolog-Like 1, NudE Nuclear Distribution Gene E Homolog-Like 1, NDEL1.

Introduction

NudE Neurodevelopment Protein 1-Like 1 also known as NDEL1 is a coiled-coil protein which participates in multiple processes as well as cytoskeletal organization, cell signaling and neuron migration, outgrowth and maintenance. Alternatively spliced transcript variants encoding multiple isoforms have been observed for NDEL1, and a pseudogene of this gene is placed on the long arm of chromosome X . One of the diseases associated with NDEL1 is iridocyclitis.

Source

Escherichia Coli.

Physical Appearance

Sterile Filtered colorless solution.

Formulation

NDEL1 protein solution (0.5mg/ml) containing 20mM Tris-HCl buffer (pH 8.0), 0.15M NaCl, 10% glycerol and 1mM DTT.

Stability

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

Purity

Greater than 80.0% as determined by SDS-PAGE.

Amino acid sequence

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MGSSHHHHHH SSGLVPRGSH MGS MDGEDIP DFSSLKEETA YWKELSLKYK QSFQEARDEL VEFQEGSREL EAELEAQLVQ AEQRNRDLQA DNQRLKYEVE ALKEKLEHQY AQSYKQVSVL EDDLSQTRAI KEQLHKYVRE LEQANDDLER AKRATIVSLE DFEQRLNQAI ERNAFLESEL DEKESLLVSV QRLKDEARDL RQELAVRERQ QEVTRKSAPS SPTLDCEKMD SAVQASLSLP ATPVGKGTEN TFPSPKAIPN GFGTSPLTPS ARISALNIVG DLLRKVGALE SKLAACRNFA KDQASRKSYI SGNVNCGVLN GNGTKFSRSG HTSFFDKGQE KVIFPTLFMG Q.

Precautions

NDEL1 Human is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (Q9GZM8)