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Datasheet for ABIN5853848

NDEL1 Protein (AA 1-328) (His tag)

1 Image

Overview

Quantity:	50 µg
Target:	NDEL1
Protein Characteristics:	AA 1-328
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This NDEL1 protein is labelled with His tag.
Application:	SDS-PAGE (SDS)

Product Details

Sequence: MGSSHHHHHH SSSLVPRGSH MGSMDGEDIP DFSSLKEETA YWKELSLKYK QSFQEARDEL
VEFQEGSREL EAELEAQLVQ AEQRNRDLQA DNQRLKYEVE ALKEKLEHQY AQSYPKQVSVL
EDDLSQTRAI KEQLHKYVRE LEQANDDLER AKRATIVSLE DFEQRLNQAI ERNAFLESEL
DEKESLLVSV QRLKDEARDL RQELAVRERQ QEVTRKSAPS SPTLDCEKMD SAVQASLSLP
ATPVGKGTEN TFPSPKAIPN GFGTSPLTPS ARISALNIVG DLLRKVGALE SKLAACRNFA
KDQASRKSYP SGNVNCVGLN GNGTKFSRSG HTSFFDKGQE KVIFPTLFMG Q

Purity: > 80 % by SDS - PAGE

Target Details

Target:	NDEL1
Alternative Name:	NDEL1 (NDEL1 Products)

Target Details

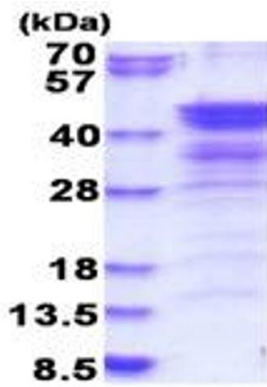
Background:	NDEL1 is a coiled-coil protein that plays a role in multiple processes including cytoskeletal organization, cell signaling and neuron migration, outgrowth and maintenance. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene, and a pseudogene 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.
Molecular Weight:	39.4 kDa (351aa) confirmed by MALDI-TOF
NCBI Accession:	NP_001020750
UniProt:	Q9GZM8
Pathways:	Regulation of Cell Size

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	0.5 mg/mL
Buffer:	Liquid. In 20 mM Tris-HCl buffer (pH 8.0) containing 0.15M NaCl, 10 % glycerol, 1 mM DTT
Storage:	4 °C,-20 °C,-80 °C
Storage Comment:	Can be stored at +4C short term (1-2 weeks). For long term storage, aliquot and store at -20C or -70C. Avoid repeated freezing and thawing cycles.



15% SDS-PAGE (3ug)

SDS-PAGE

Image 1.