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Datasheet for ABIN7318837 NPDC1 Protein (His tag)

Overview

Quantity:	50 µg
Target:	NPDC1
Origin:	Human
Source:	Human Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This NPDC1 protein is labelled with His tag.

Product Details

Purpose:	Recombinant Human NPDC-1/NPDC1 Protein (His Tag)
Sequence:	Gly35-Asp181
Characteristics:	Recombinant Human Neural proliferation differentiation and control protein 1 is produced by our Mammalian expression system and the target gene encoding Gly35-Asp181 is expressed with a 6His tag at the C-terminus.
Purity:	> 95 % as determined by reducing SDS-PAGE.
Endotoxin Level:	< 1.0 EU per µg as determined by the LAL method.

Target Details

Target:	NPDC1
Alternative Name:	NPDC-1/NPDC1 (NPDC1 Products)
Background:	Background: Neural proliferation differentiation and control protein 1(NPDC1) is a protein that in humans is encoded by the NPDC1 gene. It is a single-pass membrane protein and belongs to

Target Details

the NPDC1/cab-1 family. The protein strongly expressed in adult brain and especially in hippocampus, frontal lobe and temporal lobe. The protein suppresses oncogenic transformation in neural and non-neural cells and down-regulates neural cell proliferation and it might be involved in transcriptional regulation.

Synonym: Neural Proliferation Differentiation and Control Protein 1,NPDC-1,NPDC1,RP11-229P13.1, CAB, CAB-1, CAB1

Molecular Weight: 16.5 kDa

UniProt: [Q9NQX5](#)

Application Details

Restrictions: For Research Use only

Handling

Format: Lyophilized

Reconstitution: Please refer to the printed manual for detailed information.

Buffer: Lyophilized from a 0.2 µm filtered solution of 20 mM Tris,150 mM NaCl, pH 8.0.

Storage: 4 °C,-20 °C,-80 °C

Storage Comment: Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.