Datasheet for ABIN1945436

NPDC1 Protein (AA 35-181) (His tag)

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Overview

Quantity:	50 µg
Target:	NPDC1
Protein Characteristics:	AA 35-181
Origin:	Human
Source:	Human Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This NPDC1 protein is labelled with His tag.

Product Details

Purpose:	Recombinant Human NPDC1/CAB1 (C-6His)
Sequence:	GHPDVAACPG SLDCALKRRA RCPPGAHACG PCLQPFQEDQ QGLCVPRMRR PPGGGRPQPR LEDEIDFLAQ ELARKESGHS TPPLPKDRQR LPEPATLGFS ARGQGLELGL PSTPGTPTPT PHTSLGSPVS SDPVHMSPLE PRGGQGDVDH HHHHH
Characteristics:	Recombinant Human Neural proliferation differentiation and control protein 1 is produced by our mammalian expression system in human cells. The target protein is expressed with sequence (AA 35-181) of Human NPDC1 fused with a 6His tag at the C-terminus.
Purity:	> 95 % as determined by reducing SDS-PAGE.
Sterility:	0.2 µm filtered
Endotoxin Level:	Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test

Target Details

Target:	NPDC1
Alternative Name:	Neural Proliferation Differentiation and Control Protein 1 (NPDC1 Products)
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 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.
Molecular Weight:	16.5 kDa
UniProt:	Q9NQX5

Application Details

Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	It is not recommended to reconstitute to a concentration less than 100 µg/mL. Dissolve the lyophilized protein in ddH2O. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.
Buffer:	Lyophilized from a 0.2 µm filtered solution of 20 mM Tris,150 mM NaCl, pH 8.0.
Handling Advice:	Always centrifuge tubes before opening. Do not mix by vortex or pipetting.
Storage:	4 °C/-20 °C/-80 °C
Storage Comment:	Lyophilized protein should be stored at < -20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 4-7°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.