

# Recombinant Human NPDC-1/NPDC1 Protein (His Tag)

Catalog Number:PKSH032822



**Note:** Centrifuge before opening to ensure complete recovery of vial contents.

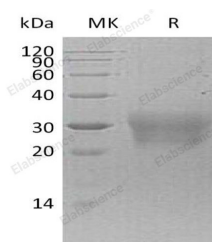
## Description

<b>Synonyms</b>	Neural Proliferation Differentiation and Control Protein 1;NPDC-1;NPDC1;RP11-229P13.1;CAB;CAB-1;CAB1
<b>Species</b>	Human
<b>Expression Host</b>	HEK293 Cells
<b>Sequence</b>	Gly35-Asp181
<b>Accession</b>	Q9NQX5
<b>Calculated Molecular Weight</b>	16.5 kDa
<b>Observed molecular weight</b>	28-35 kDa
<b>Tag</b>	C-His

## Properties

<b>Purity</b>	> 95 % as determined by reducing SDS-PAGE.
<b>Endotoxin</b>	< 1.0 EU per µg of the protein as determined by the LAL method.
<b>Storage</b>	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.
<b>Shipping</b>	This product is provided as lyophilized powder which is shipped with ice packs.
<b>Formulation</b>	Lyophilized from a 0.2 µm filtered solution of 20mM Tris-HCl, 150mM NaCl, pH 8.0. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization. Please refer to the specific buffer information in the print
<b>Reconstitution</b>	Please refer to the printed manual for detailed information.

## Data



> 95 % as determined by reducing SDS-PAGE.

## 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.

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