



Recombinant Protein Technical Manual
Recombinant Human NPDC/NPDC1 Protein (His Tag)
RPES0701

Product Data:

Product SKU: RPES0701

Size: 10µg

Species: Human

Expression host: Human Cells

Uniprot: Q9NQX5

Protein Information:

Molecular Mass: 16.5 kDa

AP Molecular Mass: 28-35 kDa

Tag: C-6His

Bio-activity:

Purity: > 95 % as determined by reducing SDS-PAGE.

Endotoxin: < 1.0 EU per µg as determined by the LAL method.

Storage: 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.

Shipping: This product is provided as lyophilized powder which is shipped with ice packs.

Formulation: Lyophilized from a 0.2 µm filtered solution of 20mM Tris,150mM NaCl,pH8.0.

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

Application:

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

Immunogen Information:

Sequence: Gly35-Asp181

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 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.