

Recombinant Mouse Pcnt Protein, His-tagged

Cat. No. Pcnt-1928M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Pcnt Protein (Leu2545-Pro2810) with N-His tag was expressed in E. coli.
Species	Mouse
Source	E.coli
ProteinLength	Leu2545-Pro2810
Description	Predicted to enable calmodulin binding activity and molecular adaptor activity. Acts upstream of or within several processes, including animal organ development; mitotic spindle organization; and neuron migration. Located in several cellular components, including cis-Golgi network; intercellular bridge; and microtubule organizing center. Is expressed in several structures, including central nervous system; early conceptus; genitourinary system; respiratory system; and sensory organ. Used to study microcephalic osteodysplastic primordial dwarfism type II. Human ortholog(s) of this gene implicated in microcephalic osteodysplastic primordial dwarfism type II. Orthologous to human PCNT (pericentrin).
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 34 kDa Accurate Molecular Mass: 34 kDa
Purity	> 90%

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Applications	Positive Control; Immunogen; SDS-PAGE; WB.
Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.
Storage Buffer	20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose and Proclin300.
Reconstitution	Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0 mg/mL. Do not vortex.

GENE INFORMATION

Gene Name	Pcnt pericentrin (kendrin) [Mus musculus (house mouse)]
Official Symbol	Pcnt
Synonyms	PCNT; pericentrin (kendrin); pericentrin; pericentrin 2; pericentrin-250; pericentrin-360; KEN; Pcnt2; C86676; kendrin; m239Asp; m275Asp; AW476095;
Gene ID	18541
mRNA Refseq	NM_008787
Protein Refseq	NP_032813

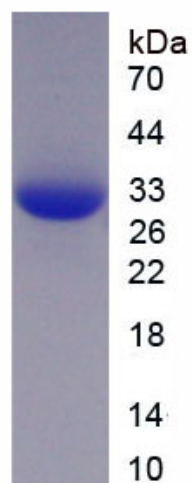
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