

Recombinant Mouse Pcm1 Protein, His-tagged

Cat. No. Pcm1-1927M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Pcm1 Protein (Asn30-Arg208) with N-His tag was expressed in E. coli.
Species	Mouse
Source	E.coli
ProteinLength	Asn30-Arg208
Description	Involved in microtubule anchoring and negative regulation of neurogenesis. Acts upstream of or within several processes, including microtubule anchoring at centrosome; nervous system development; and neuronal stem cell population maintenance. Located in apical part of cell; cytoplasm; and microtubule organizing center. Colocalizes with centrosome. Is expressed in brain; cardiac muscle tissue; and cerebral cortex ventricular layer. Orthologous to human PCM1 (pericentriolar material 1).
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 23.7 kDa Accurate Molecular Mass: 29 kDa
Purity	> 90%
Applications	Positive Control; Immunogen; SDS-PAGE; WB.

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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	PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.
Reconstitution	Reconstitute in PBS or others.
GENE INFORMATION	
Gene Name	Pcm1 pericentriolar material 1 [Mus musculus (house mouse)]
Official Symbol	Pcm1
Synonyms	PCM1; pericentriolar material 1; pericentriolar material 1 protein; PCM-1; mPCM-1; pericentriolar material gene 1; 2600002H09Rik; 9430077F19Rik; C030044G17Rik; MGC170660;
Gene ID	18536
mRNA Refseq	NM_023662
Protein Refseq	NP_076151
UniProt ID	Q9R0L6

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