

Recombinant Full Length Human PCM1 Protein

Cat. No. PCM1-362HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant full length Human PCM1 with N terminal proprietary tag, predicted mwt: 84.41 kDa.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	530 amino acids
Description	The protein encoded by this gene is a component of centriolar satellites, which are electron dense granules scattered around centrosomes. Inhibition studies show that this protein is essential for the correct localization of several centrosomal proteins, and for anchoring microtubules to the centrosome. Chromosomal aberrations involving this gene are associated with papillary thyroid carcinomas and a variety of hematological malignancies, including atypical chronic myeloid leukemia and T-cell lymphoma.
Form	Liquid
Molecular Mass	84.410kDa inclusive of tags
AA Sequence	MATGGGPFEDGMNDQDLPNWSNENVDDRLNNMDWGAQQKK ANRSSEKNKKKF GVESDKRVTNDISPESSPGVGRRRTKTP HTFPHSRYSQMSVPEQAELEKQKQIN FSDLDQRSIGSD SQGRATAANNKRQLSENKRKPFNFLPMQINTNKSKDASTSP PNR ETIGSAQCKELFASALSNDLLQNCQVSEEDGRGEPAM ESSQIVSRLVQIRDYITKAS

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

SMREDLVEKNERSANVERLT HLIDHLKEQEKSVMKFLKKILARENEEEDVRTIDSAV
 GSG SVAESTSLNIDVQSEASDTTARDPQQEPMEEIENLKKQHD LLKRMLQQQEQL
 RALQGRQAALLALQHKAEQAIAMDDSV VAETAGSLSGVSITSELNEELNDLIQRFH
 NQLRDSQPPAV PDNRRQAESLSLTREVSQSRKPSASERLPDEKVELFSKMR VLQE
 KKQKMDKLLGELHTLRDQHLNNSSSSPQRSVDQIRST SAPSASVGLAPVVNGESNS
 LTSSVPYPTASLVSQNESENE GHLNPSEKLQ

Purity Proprietary Purification

Storage Shipped on dry ice. Upon delivery aliquot and store at -80 centigrade. Avoid freeze / thaw cycles.

Storage Buffer pH: 8.00. Constituents:0.79% Tris HCl, 0.31% Glutathione.

GENE INFORMATION

Gene Name [PCM1 pericentriolar material 1 \[Homo sapiens \]](#)

Official Symbol [PCM1](#)

Synonyms PCM1; pericentriolar material 1; pericentriolar material 1 protein; PTC4

Gene ID [5108](#)

mRNA Refseq [NM_006197](#)

Protein Refseq [NP_006188](#)

MIM [600299](#)

UniProt ID [Q15154](#)

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA