

Recombinant Human PRC1 Protein, His-tagged

Cat. No. PRC1-527H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human PRC1 isoform 1 (NP_003972.1) (Met 1-Ser 620) was expressed, with a polyhistidine tag at the N-terminus.
Species	Human
Source	Insect Cells
ProteinLength	1-620 a.a.
Predicted N Terminal	Met
Form	Lyophilized from sterile 20mM Tris, 500mM NaCl, pH 8.0, 20% gly, 3mM DTT, 5%~8% trehalose and mannitol.
Molecular Mass	The recombinant human PRC1 consists of 639 amino acids and predicts a molecular mass of 74 kDa. It migrates as an approximately 75 KDa band in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method.
Purity	>95 % as determined by SDS-PAGE.
Stability	Samples are stable for up to twelve months from date of receipt at -70°C.
Storage	Store it under sterile conditions at -20°C~-70°C. It is recommended that the protein be

 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

aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

Reconstitution

It is recommended that sterile water be added to the vial to prepare a stock solution of 0.25 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name

[PRC1 protein regulator of cytokinesis 1 \[Homo sapiens \]](#)

Official Symbol

[PRC1](#)

Synonyms

PRC1; protein regulator of cytokinesis 1; anaphase spindle elongation 1 homolog (S. cerevisiae); ASE1; protein regulating cytokinesis 1; anaphase spindle elongation 1 homolog; MGC1671; MGC3669;

Gene ID

[9055](#)

mRNA Refseq

[NM_003981](#)

Protein Refseq

[NP_003972](#)

MIM

[603484](#)

UniProt ID

[O43663](#)

**Chromosome
Location**

15q26.1

 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