

PRC1 抗原（重组蛋白）

中文名称： PRC1 抗原（重组蛋白）

英文名称： PRC1 Antigen (Recombinant Protein)

储 存： 冷冻（-20℃）

别 名： protein regulator of cytokinesis 1; ASE1

相关类别： 抗原

概述

Fusion protein corresponding to a region derived from 101-345 amino acids of human PRC1

技术规格

Full name:	protein regulator of cytokinesis 1
Synonyms:	ASE1
Swissprot:	O43663
Gene Accession:	BC003138
Purity:	>85%, as determined by Coomassie blue stained SDS-PAGE
Expression system:	Escherichia coli
Tags:	His tag C-Terminus, GST tag N-Terminus
Background:	This gene encodes a protein that is involved in cytokinesis. The protein is present at high levels during the S and G2/M phases of mitosis but its levels drop dramatically when the cell exits mitosis and enters the G1 phase. It is located in the nucleus during interphase, becomes associated with mitotic spindles in a highly dynamic manner during mitosis, and localizes to the cell mid-body during cytokinesis. This protein has been shown to be a substrate of several cyclin-dependent kinases (CDKs). It is necessary for polarizing parallel microtubules and concentrating the factors responsible for contractile ring assembly.