

CDC25A 抗原（重组蛋白）

中文名称：CDC25A 抗原（重组蛋白）

英文名称： CDC25A Antigen (Recombinant Protein)

储 存： 冷冻（-20℃）

相关类别： 抗原

概述

Fusion protein corresponding to a region derived from 376-482 amino acids of human CDC25A

技术规格

Full name:	cell division cycle 25A
Synonyms:	CDC25A2
Swissprot:	P30304
Gene Accession:	BC007401
Purity:	>85%, as determined by Coomassie blue stained SDS-PAGE
Expression system:	Escherichia coli
Tags:	His tag C-Terminus, GST tag N-Terminus
Background:	CDC25A is a member of the CDC25 family of phosphatases. CDC25 A is required for progression from G1 to the S phase of the cell cycle. It activates the cyclin-dependent kinase CDC2 by removing two phosphate groups. CDC25A is specifically degraded in response to DNA damage, which prevents cells with chromosomal abnormalities from progressing through cell division. CDC25A is an oncogene, although its exact role in oncogenesis has not been demonstrated. Two transcript variants encoding different isoforms have been found for this gene.