

CDKN2AIP 抗原（重组蛋白）

中文名称： CDKN2AIP 抗原（重组蛋白）

英文名称： CDKN2AIP Antigen (Recombinant Protein)

别名： CARF

储存： 冷冻（-20℃）

相关类别： 抗原

概述

Fusion protein corresponding to a region derived from 175-425 amino acids of human CDKN2AIP

技术规格

Full name:	CDKN2A interacting protein
Synonyms:	CARF
Swissprot:	Q9NXV6
Gene Accession:	BC022270
Purity:	>85%, as determined by Coomassie blue stained SDS-PAGE
Expression system:	Escherichia coli
Tags:	His tag C-Terminus, GST tag N-Terminus
Background:	CDKN2AIP (CDKN2A-interacting protein), also known as CARF, is a 580 amino acid protein that activates p53 via p14 ARF (alternate reading frame)-dependent and independent pathways. CDKN2AIP-dependent activation of p53, a protein that up-regulates growth arrest and apoptosis-related genes in response to stress signals, leads to an enhancement of p53 function. Expression levels of CDKN2AIP and p53 show an inverse relationship.

p that is caused by a negative-feedback control via a proteasome-mediated degradation pathway. CDKN2AIP is expressed ubiquitously across tissue samples and, along with p14 ARF, is localized to the perinucleolar region within the nucleus.