

Recombinant Human CDKN2AIP

Catalog No: #GP10662



Package Size: #GP10662-1 100ug

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Description

Product Name	Recombinant Human CDKN2AIP
Brief Description	Recombinant Protein
Immunogen Description	Fusion protein corresponding to a region derived from 175-425 amino acids of human CDKN2A interacting protein
Target Name	CDKN2A interacting protein
Other Names	CARF
Accession No.	Swissprot:Q9NXV6Gene Accession:BC022270
Uniprot	Q9NXV6
GeneID	55602;
Storage	-20~-80°C, pH 7.6 PBS

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 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.

References

Note: For in vitro research use only, not for diagnostic or therapeutic use. This product is not a medical device.

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