

Recombinant Human CDKN1B

Catalog No: #GP10285



Package Size: #GP10285-1 100ug

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Description

Product Name	Recombinant Human CDKN1B
Brief Description	Recombinant Protein
Immunogen Description	Fusion protein corresponding to a region derived from 1-198 amino acids of human CDKN1B
Target Name	cyclin dependent kinase inhibitor 1B
Other Names	KIP1; MEN4; CDKN4; MEN1B; P27KIP1
Accession No.	Swissprot:P46527Gene Accession:BC001971
Uniprot	P46527
GeneID	1027;
Storage	-20~-80°C, pH 7.6 PBS

Background

This gene encodes a cyclin-dependent kinase inhibitor, which shares a limited similarity with CDK inhibitor CDKN1A/p21. The encoded protein binds to and prevents the activation of cyclin E-CDK2 or cyclin D-CDK4 complexes, and thus controls the cell cycle progression at G1. The degradation of this protein, which is triggered by its CDK dependent phosphorylation and subsequent ubiquitination by SCF complexes, is required for the cellular transition from quiescence to the proliferative state. Mutations in this gene are associated with multiple endocrine neoplasia type IV (MEN4).

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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