

Recombinant Human CDKN1B protein, GST-tagged

Cat. No. CDKN1B-33H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human CDKN1B protein fused with GST, was expressed in E. coli.
Species	Human
Source	E.coli
Form	50mM Tris-HCl, 10mM reduced glutathione, pH8.0. No preservatives added
Molecular Mass	22,073 kDa plus 26 kDa of GST
Purity	>95 % as determined by SDS-PAGE analysis
Applications	ELISA, WB, Antibody Production, Protein array
Storage	Frozen / Solution. For extended storage, conserve at -80°C. Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.

GENE INFORMATION

Gene Name	CDKN1B cyclin-dependent kinase inhibitor 1B (p27, Kip1) [Homo sapiens]
Official Symbol	CDKN1B
Synonyms	CDKN1B; cyclin-dependent kinase inhibitor 1B (p27, Kip1); cyclin-dependent kinase inhibitor 1B; KIP1; P27KIP1; MEN4; CDKN4; MEN1B;

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Gene ID	1027
mRNA Refseq	NM_004064
Protein Refseq	NP_004055
MIM	600778
UniProt ID	P46527
Chromosome Location	12p13.1-p12
Pathway	AKT phosphorylates targets in the cytosol, organism-specific biosystem; Adaptive Immune System, organism-specific biosystem; C-MYB transcription factor network, organism-specific biosystem; Cell Cycle, organism-specific biosystem; Cell Cycle Checkpoints, organism-specific biosystem; Cell Cycle, Mitotic, organism-specific biosystem; Cell cycle, organism-specific biosystem;
Function	cyclin-dependent protein kinase activity; cyclin-dependent protein kinase activity; cyclin-dependent protein kinase inhibitor activity; contributes_to cysteine-type endopeptidase activator activity involved in apoptotic process; kinase activity; protein b