

Recombinant Human CDKN1A protein, His-tagged

Cat. No. CDKN1A-3186H Lot. No. (See product label)

SPECIFICATION

| | |
|-------------------------|--|
| Product Overview | Recombinant Human CDKN1A protein(72-164 aa), fused with N-terminal His tag, was expressed in E. coli. |
| Species | Human |
| Source | E.coli |
| ProteinLength | 72-164 aa |
| Tag | N-His |
| Form | The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. |
| Purity | 85%, by SDS-PAGE with Coomassie Brilliant Blue staining. |
| Storage | Short-term storage: Store at 2-8°C for (1-2 weeks). Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, reconstitution with sterile water and addition of an equal volume of glycerol. Avoid repeat freeze-thaw cycles. |
| Reconstitution | Reconstitute at 0.25 µg/µl in 200 µl sterile water for short-term storage. After reconstitution with sterile water, if glycerol has no effect on subsequent experiments, it is recommended to add an equal volume of glycerol for long-term storage. |

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AA Sequence GLPKLYLPTGPRRGRDELGGRRPGTSPALLQGTAEDHVDLSLSCTLVPRSGEQA
EGSPGGPGDSQGRKRRQTSMTDFYHSKRRLIFSKRKP

GENE INFORMATION

Gene Name [CDKN1A cyclin-dependent kinase inhibitor 1A \(p21, Cip1\) \[Homo sapiens \]](#)

Official Symbol [CDKN1A](#)

Synonyms CDKN1A; cyclin-dependent kinase inhibitor 1A (p21, Cip1); CDKN1; cyclin-dependent kinase inhibitor 1; CAP20; CIP1; P21; p21CIP1; p21Cip1/Waf1; SDI1; WAF1; DNA synthesis inhibitor; CDK-interacting protein 1; CDK-interaction protein 1; wild-type p53-activated fragment 1; melanoma differentiation associated protein 6; MDA-6;

Gene ID [1026](#)

mRNA Refseq [NM_000389](#)

Protein Refseq [NP_000380](#)

MIM [116899](#)

UniProt ID [P38936](#)

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SDS-PAGE



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