

Recombinant Human CDKN1A protein, GST-tagged

Cat. No. CDKN1A-2680H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human CDKN1A protein(P38936)(2-164aa), fused to N-terminal GST tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	2-164aa
Form	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.
Molecular Mass	45 kDa
AA Sequence	SEPAGDVRQNPCGSKACRRLFGPVDSEQLSRDCDALMAGCIQEARERWNFDFVTE TPLEGDFAWERVRLGLPKLYLPTGPRRGRDELGGGRRPGTSPALLQGTAEEDHV DLSLSCTLVPRSGEQAEGSPGGPGDSQGRKRRQTSMTDFYHSKRRLIFSKRKP
Purity	Greater than 90% as determined by SDS-PAGE.
Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.

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Reconstitution

Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%.

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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