

Recombinant Human CDKN2A protein, GST-tagged

Cat. No. CDKN2A-3720H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human CDKN2A protein(55-156 aa), fused to GST tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	55-156 aa
Form	The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH8.). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 100mM GSH.
AA Sequence	SARVAELLLLHGAEPNCADPATLTRPVHDAAREGFLDTLVVLHRAGARLDVRDAWG RLPVDLAEELGHRDVARYLRAAAGGTRGSNHARIDAAEGPSDIPD
Purity	90%, 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, buffer containing 50% glycerol is recommended for reconstitution. Avoid repeat freeze-thaw cycles.
Reconstitution	Reconstitute at 0.25 g/μl in 200 μl sterile water for short-term storage. Reconstitution with 200 μl 50% glycerol solution is recommended for longer term

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storage.

GENE INFORMATION

Gene Name [CDKN2A cyclin-dependent kinase inhibitor 2A \[Homo sapiens \]](#)

Official Symbol [CDKN2A](#)

Synonyms CDKN2A; cyclin-dependent kinase inhibitor 2A; CDKN2, cyclin dependent kinase inhibitor 2A (melanoma, p16, inhibits CDK4) , MLM; ARF; CDK4I; CMM2; INK4; INK4a; MTS1; p14; p16; p16INK4a; p19; p19Arf; CDK4 inhibitor p16-INK4; multiple tumor suppressor 1; cell cycle negative regulator beta; cyclin-dependent kinase 4 inhibitor A; cyclin-dependent kinase inhibitor 2A (melanoma, p16, inhibits CDK4); MLM; P14; P16; P19; TP16; CDKN2; INK4A; MTS-1; P14ARF; P19ARF; P16INK4; P16INK4A; P16-INK4A;

Gene ID [1029](#)

mRNA Refseq [NM_000077](#)

Protein Refseq [NP_000068](#)

MIM [600160](#)

UniProt ID [P42771](#)

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