

# Human p16-INK4a Recombinant Protein



RPPB2592

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## Product Information    Protein Information

**Product SKU:**

RPPB2592

**Accession:**

P42771

**Host:**

Escherichia Coli.

**Protein description:**

CDKN2A Human Recombinant produced in E.Coli, it's a single non-glycosylated polypeptide chain containing 156 amino acids, approximately 16.5 kDa. CDKN2A is purified by proprietary chromatographic techniques.

**Appearance:**

Sterile Filtered White lyophilized (freeze-dried) powder.

**Synonyms:**

Cyclin-dependent kinase 4 inhibitor A, CDK4I, p16-INK4, p16-INK4a, p16INK4A, CDKN-2A, CDKN2, Multiple tumor suppressor 1, MTS1, CMM2, MLM, TP16, p16(INK4), p19.

**Formulation:**

CDKN2A was lyophilized from a concentrated (1mg/ml) sterile solution containing 1x PBS pH-7.4.

**Purity:**

Greater than 95.0% as determined by:(a) Analysis by RP-HPLC.(b) Analysis by SDS-PAGE.

**Solubility:**

It is recommended to reconstitute the lyophilized Cyclin-dependent kinase in sterile water not less than 100µg/ml, which can then be further diluted to other aqueous solutions.

**Stability:**

Lyophilized Cyclin-dependent kinase although stable at room temperature for 3 weeks, should be stored desiccated below -18°C. Upon reconstitution Cyclin-dependent kinase should be stored at 4°C between 2-7 days and for future use below -18°C. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Please prevent freeze-thaw cycles.

**Amino Acid Sequence:**

MEPAAGSSMEPSADWLATAAARGRVEEV RALLEAGALPNAPNSYGRRIQVMMMGSARVAELLLLHGAEPNCA  
DPATLTRPVHDAAREGFLDTLVVLRAGARLDVRDAWGRLPVDLAEELGHRDVARYLRAAAGGTRGSNHARIDA  
AEGPSDIPD.