



## Recombinant Human Cyclin Dependent Kinase Inhibitor 2A (CDKN2A)

Catalog No.: TP09128

50µg

### Sequence Information

**Species:** Human

**Gene ID:**1029

**Swiss Prot:**Q8N726

**Synonyms:**P16; ARF; CDK4I; CMM2; INK4;

INK4a; MLM; MTS1; TP16; P14;

P14ARF; P16INK4a; P19; Melanoma

P16; Cyclin-dependent kinase 4 inhibitor

A; Multiple tumor suppressor 1

**Residues:**Ser8~Asp156

SMEPSADWLATAAARGRVEEVRAALLEAGALPNAPNSYGRRPPIQVMMMG SARVAE

LLLLHGAEPNCADPATLTRPVHDAAREGFLDTLVVLHRAGARLDVRDAWGRLPV

DLAEELGHRDVARYLRAAAGGTRGSNHARIDAAEGPSDIPD

### Product Information

**Source:** Recombinant expression.

**Host:** *E.coli*

**Tags:** N-terminal His-Tag

**Subcellular Location:** Cytoplasm, Chromosome

**Purity:** >90%

**Traits:** Freeze-dried powder

**Buffer formulation:** PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.

**Original Concentration:** 200µg/mL

**Applications:** Positive Control; Immunogen; SDS-PAGE; WB.

(May be suitable for use in other assays to be determined by the end user.)

**Predicted isoelectric point:** 6.4

**Predicted Molecular Mass:** 19.7kDa

**Accurate Molecular Mass:** 20kDa as determined by SDS-PAGE reducing conditions.

### [ USAGE ]

Reconstitute in ddH<sub>2</sub>O to a concentration of 0.1-0.5 mg/mL. Do not vortex.

### [ STORAGE AND STABILITY ]

**Storage:** Avoid repeated freeze/thaw cycles.

The kit is designed for in vitro and research use only, we will not be responsible for any issue if the kit was used in clinical diagnostic or any other procedures.