

Recombinant Mouse Cdkn2a protein, His & T7-tagged

Cat. No. Cdkn2a-7705M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Cdkn2a aa. (Ser3~Thr154 (Accession # P51480)) fused with N-terminal His & T7 tag was produced in E. coli cells.
Species	Mouse
Source	E.coli
ProteinLength	Ser3~Thr154
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 19.9kDa
Endotoxin	<1.0EU per 1g (determined by the LAL method)
Purity	>95%
Characteristic	The isoelectric point is 6.9.
Applications	SDS-PAGE; WB; ELISA; IP.
Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

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Storage	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.
Storage buffer	Supplied as lyophilized form in PBS, pH7.4, containing 5% sucrose, 0.01% sarcosyl.
Reconstitution	Reconstitute in sterile PBS, pH7.2-pH7.4.

GENE INFORMATION

Gene Name	Cdkn2a cyclin-dependent kinase inhibitor 2A [Mus musculus (house mouse)]
Official Symbol	Cdkn2a
Synonyms	Arf; p16; MTS1; Pctr1; p19ARF; p16INK4a; p19; ARF-INK4a; INK4a-ARF; Ink4a/Arf; p16(INK4a); CDK4I; alternative reading frame; cdkn2a; cyclin-dependent kinase 4 inhibitor A; cyclin-dependent kinase inhibitor 2A (p16, inhibits CDK4); cyclin-dependent kinase inhibitor 2A, isoform 3; cyclin-dependent kinase inhibitor 2A, isoforms 1/2; cyclin-dependent kinase inhibitor protein;; mitochondrial smARF; p16-INK4; p16-INK4a; cyclin-dependent kinase inhibitor 2A
Gene ID	12578
mRNA Refseq	NM_001040654.1
Protein Refseq	NP_001035744.1
UniProt ID	P51480

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