

Recombinant Rat Cdkn2a protein, His & T7-tagged

Cat. No. Cdkn2a-7706R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Cdkn2a aa. (Ser3~Pro155 (Accession # Q9R0Z3)) fused with N-terminal His & T7 tag was produced in E. coli cells.
Species	Rat
Source	E.coli
ProteinLength	Ser3~Pro155
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 20.4kDa
Endotoxin	<1.0EU per 1g (determined by the LAL method)
Purity	>95%
Characteristic	The isoelectric point is 9.1.
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% trehalose, 0.01% sarcosyl.
Reconstitution	Reconstitute in sterile PBS, pH7.2-pH7.4.

GENE INFORMATION

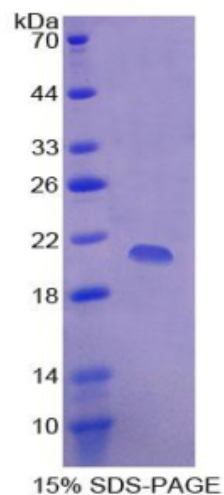
Gene Name	Cdkn2a cyclin-dependent kinase inhibitor 2A [Rattus norvegicus (Norway rat)]
Official Symbol	Cdkn2a
Synonyms	Arf; p16; MTS1; INK4A; p19ARF; p16Cdkn2a; CDK4I; Cyclin dependent kinase inhibitor 2A (p16, inhibits CDK4); alternative reading frame; cdkn2a; cell cycle inhibitor; cell cycle regulator; cyclin-dependent kinase 4 inhibitor A; cyclin-dependent kinase; inhibitor 2A, isoform 1; cyclin-dependent kinase inhibitor 2A, isoform 2; cyclin-dependent kinase inhibitor 2a p16Ink4a; cyclin-dependent kinase inhibitor 2a p19Arf; p16-INK4; p16-INK4a; cyclin-dependent kinase inhibitor 2A
Gene ID	25163
mRNA Refseq	NM_031550.1
Protein Refseq	NP_113738.1
UniProt ID	Q9R0Z3

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SDS-PAGE



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