

Recombinant Mouse Cdkn1a protein, His-tagged

Cat. No. Cdkn1a-7654M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Cdkn1a protein(1-159 aa), fused with N-terminal His tag, was expressed in E. coli.
ProteinLength	1-159 aa
Tag	N-His
Form	The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization.
Purity	85%, 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, reconstitution with sterile water and addition of an equal volume of glycerol. Avoid repeat freeze-thaw cycles.
Reconstitution	Reconstitute at 0.25 µg/µl in 200 µl sterile water for short-term storage. After reconstitution with sterile water, if glycerol has no effect on subsequent experiments, it is recommended to add an equal volume of glycerol for long-term storage.
AA Sequence	MSNPGDVRPVPHRSKVCRCLFGPVDSEQLRRDCDALMAGCLQEARERWNFDFVT ETPLEGNFVWERVRSGLPKVYLSPGSRSRDDLGGDKRPSTSSALLQGPAPEDHV ALSLSCTLVSERPEDSPGGPGTSQGRKRRQTS�TDFYHSKRRLVFCKRKP

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GENE INFORMATION

Gene Name	Cdkn1a cyclin-dependent kinase inhibitor 1A (P21) [Mus musculus]
Official Symbol	Cdkn1a
Synonyms	CDKN1A; cyclin-dependent kinase inhibitor 1A (P21); cyclin-dependent kinase inhibitor 1; p21< WAF1/CIP1> CDK-interacting protein 1; melanoma differentiation-associated protein; P21; CDKI; CIP1; SDI1; Waf1; mda6; CAP20; Cdkn1; p21WAF; p21Cip1;
Gene ID	12575
mRNA Refseq	NM_001111099
Protein Refseq	NP_001104569

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