

# Human CDKN1A Recombinant Protein



RPPB2466

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## Product Information    Protein Information

**Product SKU:**

RPPB2466

**Accession:**

P38936

**Host:**

Escherichia Coli.

**Protein description:**

CDKN1A Human Recombinant produced in E. coli is a single polypeptide chain containing 184 amino acids (1-164) and having a molecular mass of 20.2 kDa. CDKN1A is fused to a 20 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

**Appearance:**

Sterile Filtered colorless solution.

**Synonyms:**

Cyclin-Dependent Kinase Inhibitor 1A (P21, Cip1), Melanoma Differentiation Associated Protein 6, Wild-Type P53-Activated Fragment 1, CDK-Interaction Protein 1, DNA Synthesis Inhibitor, CDK-Interacting Protein 1, CDKN1, P21Cip1/Waf1, MDA6, P21CIP1, CAP20, WAF1, CIP1, PIC1, P21, SDI1.

**Formulation:**

The CDKN1A solution contains 20mM Tris-HCl buffer (pH 8.0), 2M Urea, 0.1M NaCl and 10% glycerol.

**Purity:**

Greater than 85.0% as determined by SDS-PAGE.

**Stability:**

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

**Amino Acid Sequence:**

MGSSHHHHH SGLVPRGSH MSEPAGDVRQ NPCGSKACRR LFGPVDSEQL SRDCDALMAG CIQEARERWN  
FDFVTETPLE GDFAWERVRG LGLPKLYLPT GPRRGRDELG GGRRPGTSPA LLQGTAEDH VDLSLSCTLV  
PRSGEQAEQS PGGPGDSQGR KRRQTSMTDF YHSKRRLIFS KRKP.