Recombinant Human CDKN2C protein, T7-tagged

Cat. No. CDKN2C-117H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human CDKN2C fused with T7 Tag at N-terminal was expressed in E. coli.
Species	Human
Source	E.coli
Form	1.0 mg/ml, sterile-filtered, in 20 mM pH 8.0 Tris-HCl Buffer, with proprietary formulation of NaCl, KCl, EDTA, Sucrose and DTT.
AA Sequence	MASMTGGQENGRGEFAEPWGNELASAAARGDLEQLTSLLQNNVNVNAQNGFGRT ALQVMKLGNPEIARRLLLRGA NPDLKDRTGFAVIHDAARAGFLDTLQTLLEFQADVN IEDNEGNLPLHLAAKEGHLRVVEFLVKHTASNVGHRNHK GDTACDLARLYGRNEVV SLMQANGAGGATNLQ
Purity	>90% by SDS-PAGE
Applications	1. Protein transduction for studying cell cycle regulation and tumorigenesis in vitro.2. As active protein, may be used for studying pRB/p18 interaction pathway in vitro.3. As immunogen for specific antibody production.4. As potential biomarker protein for cancer diagnosis in vitro.
Storage	Keep at -80 centigrade for long term storage. Product is stable at 4 centigrade for at least 30 days.

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GENE INFORMATION

Gene Name	CDKN2C cyclin-dependent kinase inhibitor 2C (p18, inhibits CDK4) [Homo sapiens]
Official Symbol	CDKN2C
Synonyms	CDKN2C; cyclin-dependent kinase inhibitor 2C (p18, inhibits CDK4); cyclin-dependent kinase 4 inhibitor C; INK4C; p18; p18-INK6; CDK6 inhibitor p18; cyclin-dependent inhibitor; cyclin-dependent kinase 6 inhibitor p18; p18-INK4C;
Gene ID	1031
mRNA Refseq	NM_001262
Protein Refseq	NP_001253
MIM	603369
UniProt ID	P42773
Chromosome Location	1p32.3
Pathway	Cell Cycle, organism-specific biosystem; Cell Cycle, Mitotic, organism-specific biosystem; Cell cycle, organism-specific biosystem; Cell cycle, conserved biosystem; Cyclin D associated events in G1, organism-specific biosystem; E2F transcription factor network, organism-specific biosystem; G1 Phase, organism-specific biosystem;
Function	cyclin-dependent protein kinase inhibitor activity; protein kinase binding;

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