

Cyclin-Dependent Kinase Inhibitor 2C Human Recombinant

Item Number	rAP-0916
Synonyms	Cyclin-dependent kinase inhibitor 2C (p18 inhibits CDK4), cyclin-dependent kinase 4 inhibitor C, cyclin-dependent kinase 6 inhibitor p18, INK4C, p18, p18-INK6, p18-INK4C, CDK6 inhibitor p18, cyclin-dependent inhibitor, CDKN6, p18-INK4c.
Description	CDKN2C Human Recombinant produced in E.coli is a single, non-glycosylated polypeptide chain containing 192 amino acids (1-168 and having a molecular mass of 20.7kDa. CDKN2C is fused to a 24 amino acid His-tag at N-terminus & purifies by proprietary chromatographic techniques.
Uniprot Accesion Number	P42773
Amino Acid Sequence	MGSSHHHHHH SSGLVPRGSH MGSHMAEPWG NELASAAARG DLEQLTSLLQ NNVNVNAQNG FGRTALQVMK LGNPEIARRL LLRGANPDLK DRTGFAVIHD AARAGFLDTL QTLLEFQADV NIEDNEGNLP LHAAKEGHL RVVEFLVKHT ASNVGHRNHK GDTACDLARL YGRNEVVSLM QANGAG- GATN LQ
Source	E.coli.
Physical Appearance and Stability	Sterile Filtered colorless solution. 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.
Formulation and Purity	The CDKN2C solution (0.5mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 200mM NaCl, 2mM DTT and 10% glycerol. Greater than 95% as determined by SDS-PAGE.
Application	
Solubility	
Biological Activity	
Shipping Format and Condition	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the end users! This product is sold for **Research Use Only**