Product Name: Recombinant Human CDKN2C (N-6His)
Catalog #: PEH0485

Summary

Name	CDKN2C/Cyclin-dependent kinase 4 inhibitor C/p18-INK4c
Purity	Greater than 95% as determined by reducing SDS-PAGE
Endotoxin level	<1 EU/μg as determined by LAL test.
Construction	Recombinant Human Cyclin-Dependent Kinase 4 Inhibitor C is produced by our E.coli expression system and the target gene encoding Met1-Gln168 is expressed with a 6His tag at the N-terminus.
Accession #	P42773
Host	E.coli
Species	Human
Predicted Molecular Mass	20.3 KDa
Formulation	Lyophilized from a 0.2 μm filtered solution of PBS, pH 8.0.
Shipping	The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature listed below.
Stability&Storage	Lyophilized protein should be stored at ≤ -20°C, stable for one year after receipt. Reconstituted protein solution can be stored at 2-8°C for 2-7 days. Aliquots of reconstituted samples are stable at ≤ -20°C for 3 months.
Reconstitution	Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100μg/ml. Dissolve the lyophilized protein in distilled water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

SDS-PAGE image

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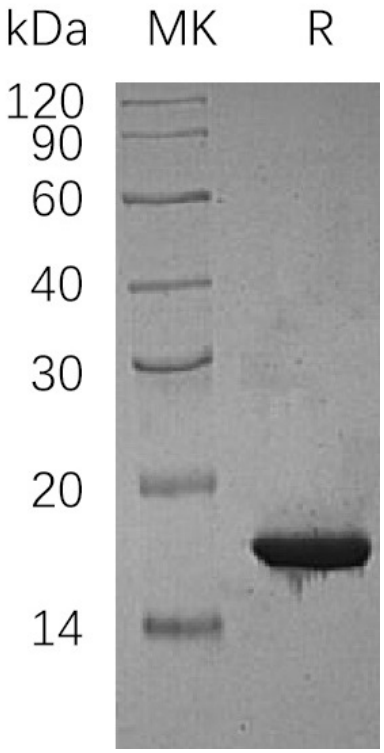

Alternative Names

Cyclin-Dependent Kinase 4 Inhibitor C; Cyclin-Dependent Kinase 6 Inhibitor; p18-INK4c; p18-INK6; CDKN2C; CDKN6

Background

Cyclin-Dependent Kinase 4 Inhibitor C (CDKN2C) is a member of the INK4 family of cyclin dependent kinase inhibitors. CDKN2C contains 4 ANK repeats and interacts with CDK4 or CDK6. Highest levels of CDKN2C can be found in skeletal muscle, pancreas, and heart. CDKN2C inhibits cell growth and proliferation with a correlated dependence on endogenous retinoblastoma protein RB and prevent the activation of the CDK kinases. Studies have been shown the roles of CDKN2C gene in regulating spermatogenesis, as well as in suppressing tumorigenesis.

Note

For Research Use Only , Not for Diagnostic Use.