

Recombinant Human Cyclin-Dependent Kinase 4 Inhibitor C/CDKN2C Protein(N-6His)

Cat.NO.: TP05808

3th Edition

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

Description: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.

Form:PBS

Molecular Weight:20.3 kDa

Sequences:Met 1-Gln168

Purity:> 95% by HPLC

Concentration:

Endotoxin Level:<1.0 EU per 1 ug of protein (determined by LAL method)

Storage:Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.