

CDKN2C, 1-168aa, Human, His tag, E.coli

Cat.NO.: TP01566

3th Edition

Synonyms:Cyclin-dependent kinase 4 inhibitor C, INK4C, p18, p18-INK4C.

Description:CDKN2C (Cyclin-dependent kinase 4 inhibitor C) belongs to the CDKN2 cyclin-dependent kinase inhibitor family. It has been shown to interact with CDK4 or CDK6, and prevent the activation of the CDK kinases, thus function as a cell growth regulator that controls cell cycle G1 progression.

Form:Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 2mM DTT, 10% glycerol, 200mM NaCl

Molecular Weight:20.7kDa (192aa), confirmed by MALDI-TOF

Sequences:

MGSSHHHHHHSSGLVPRGSHMGSHMAEPWGNELASAAARGDLEQLTSLLQNNVNVNAQNGFGRTALQVMKLG
NPEIARRLLLRGANPDLKDRTGFAVIHDAARAGFLDTLQTLLEFQADVNIEDNEGNLPLHLAAKEGHLRVVEFLVKHT
ASNVGHRNHKGD TACDLARLYGRNEVVSLMQANGAGGATNLQ

Purity:> 95% by HPLC

Concentration:0.5mg/ml (determined by Bradford assay).

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.