Human CDKN1B/KIP1 (His tag) recombinant protein

Catalog Number: 518940



General Information

Gene Name Synonym

Cyclin-Dependent Kinase Inhibitor 1B, Cyclin-Dependent Kinase Inhibitor p27, p27Kip1, CDKN1B, KIP1

Protein Construction

A DNA sequence encoding the Human CDKN1B/KIP1 Met1-Thr198 is expressed with a 6His tag at the N-terminus.

Organism

Human

Expression Host

E. coli

QC Testing

Purity

>95% as determined by SDS-PAGE.

Endotoxin

 ${<}1.0$ EU per μg protein as determined by the LAL method.

Stability

Store for up to 12 months at -20°C to -80°C as lyophilized powder. Aliquots of reconstituted samples are stable at < -20°C for 3 months.

Formulation

Lyophilized from a 0.2 μm filtered solution of 20mM PB, 150mM NaCl, pH 7.2.

Usage Guide

Storage

Lyophilized protein should be stored at <-20 °C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 4-7 °C for 2-7 days.

Reconstitution

Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100μ g/ml. Dissolve the lyophilized protein in ddH2O. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

SDS-PAGE

R	NR	MK	KDa
		111	120 90 60
		-	40
_		-	30
		-	20
		-	14

Human CDKN1B/KIP1 (His tag) recombinant protein