

Recombinant Human CDKN1B Protein (Met1-Thr198), His tagged

Cat. No. CDKN1B-1076H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human CDKN1B (Met1-Thr198) fused with His tag was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Met1-Thr198
Description	Important regulator of cell cycle progression. Inhibits the kinase activity of CDK2 bound to cyclin A, but has little inhibitory activity on CDK2 bound to SPDYA. Involved in G1 arrest. Potent inhibitor of cyclin E- and cyclin A-CDK2 complexes. Forms a complex with cyclin type D-CDK4 complexes and is involved in the assembly, stability, and modulation of CCND1-CDK4 complex activation. Acts either as an inhibitor or an activator of cyclin type D-CDK4 complexes depending on its phosphorylation state and/or stoichiometry.
Form	Lyophilized powder/frozen liquid
Molecular Mass	24.05 kDa
Purity	>90% as determined by SDS-PAGE.
Notes	For research use only.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Storage	Use a manual defrost freezer and avoid repeated freeze thaw cycles. Store at 2 to 8 centigrade for one week. Store at -20 to -80 centigrade for twelve months from the date of receipt.
Storage Buffer	Supplied as solution form in PBS pH 7.5 or lyophilized from PBS pH 7.5.
Reconstitution	Reconstitute in sterile water for a stock solution.
Shipping	They are shipped out with dry ice/blue ice unless customers require otherwise.

GENE INFORMATION

Gene Name	CDKN1B cyclin-dependent kinase inhibitor 1B (p27, Kip1) [Homo sapiens (human)]
Official Symbol	CDKN1B
Synonyms	CDKN1B; cyclin-dependent kinase inhibitor 1B (p27, Kip1); cyclin-dependent kinase inhibitor 1B; KIP1; P27KIP1; MEN4; CDKN4; MEN1B;
Gene ID	1027
mRNA Refseq	NM_004064
Protein Refseq	NP_004055
MIM	600778
UniProt ID	P46527

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA