

Recombinant Human CDKN2C, GST-tagged

Cat. No. CDKN2C-1475H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant full-length human p18INK4C was expressed in <i>E. coli</i> cells using an N-terminal GST tag. MW = 42 kDa.
Species	Human
Source	<i>E. coli</i>
Description	p18INK4C is a member of the INK4 family of proteins that regulate the G1 to S cell cycle transition by binding to and inhibiting the pRb kinase activity of cyclin-dependent kinases 4 and 6. Mutation of p18INK4C impairs B-cell terminal differentiation and confers increased susceptibility to tumor development. p18INK4C can function as a tumor suppressor gene in Hodgkins lymphoma and its inactivation may contribute to the cell cycle deregulation and defective terminal differentiation characteristic of the Reed-Sternberg cells.
Sequence	Full-length.
Applications	Kinase Assay, Western Blot.
Storage And Stability	Store product at -70°C. For optimal storage, aliquot target into smaller quantities after centrifugation and store at recommended temperature. For most favorable performance, avoid repeated handling and multiple freeze/thaw cycles.

GENE INFORMATION

 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

Gene Name	CDKN2C cyclin-dependent kinase inhibitor 2C (p18, inhibits CDK4) [Homo sapiens]
Synonyms	CDKN2C; cyclin-dependent kinase inhibitor 2C (p18, inhibits CDK4); p18; INK4C; p18-INK4C; cyclin-dependent kinase inhibitor 2C; CDK6 inhibitor p18; OTTHUMP00000009731; cyclin-dependent inhibitor; cyclin-dependent kinase 4 inhibitor C; cyclin-dependent kinase 6 inhibitor p18; CDKN6; OTTHUMP00000009730; OTTHUMP00000046546; p18-INK4c; p18-INK6; Cyclin-dependent kinase 6 inhibitor
Gene ID	1031
mRNA Refseq	NM_001262
Protein Refseq	NP_001253
MIM	603369
UniProt ID	P42773
Chromosome Location	1p32
Pathway	Cell cycle
Function	cyclin-dependent protein kinase inhibitor activity; protein binding; protein kinase binding

PDB rendering based
on 1bu9.



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