Recombinant Human CDKN1C Protein, GST-Tagged

Cat. No. CDKN1C-1059H **Lot. No.** (See product label)

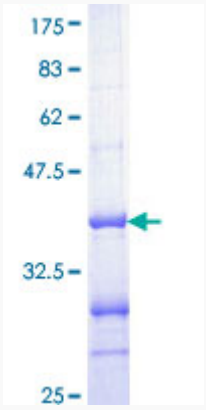
SPECIFICATION

Product Overview	Human CDKN1C partial ORF (NP_000067, 1 a.a. - 100 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
Description	This gene is imprinted, with preferential expression of the maternal allele. The encoded protein is a tight-binding, strong inhibitor of several G1 cyclin/Cdk complexes and a negative regulator of cell proliferation. Mutations in this gene are implicated in sporadic cancers and Beckwith-Wiedemann syndorome, suggesting that this gene is a tumor suppressor candidate. Three transcript variants encoding two different isoforms have been found for this gene. [provided by RefSeq, Oct 2010]
Molecular Mass	36.74 kDa
AA Sequence	MSDASLRSTSTMERLVARGTFPVLVRTSACRSLFGPVDHEELSRELQARLAELNAE DQNRWDYDFQQDMPLRGPGRLQWTEVDSDSVPAFYRETVQVGRC
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

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Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name	CDKN1C cyclin-dependent kinase inhibitor 1C (p57, Kip2) [Homo sapiens]
Official Symbol	CDKN1C
Synonyms	CDKN1C; cyclin-dependent kinase inhibitor 1C (p57, Kip2); Beckwith Wiedemann syndrome, BWCR, BWS; cyclin-dependent kinase inhibitor 1C; KIP2; P57; p57Kip2; cyclin-dependent kinase inhibitor p57; BWS; WBS; p57; BWCR;
Gene ID	1028
mRNA Refseq	NM_000076
Protein Refseq	NP_000067
MIM	600856
UniProt ID	P49918
Quality Control Testing	

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12.5% SDS-PAGE Stained with Coomassie Blue.

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