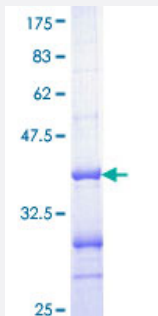


CDKN1C (Human) Recombinant Protein (Q01)

Catalog # H00001028-Q01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human CDKN1C partial ORF (NP_000067, 1 a.a. - 100 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	MSDASLRSTSTMERLVARGTFPVLVRTSACRSLFGPVDHEELSRELQARLAELNAEDQNRWDYDFQQDMPLRGPGRLQWTEVDSVPAFYRETVQVGRC
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	36.74
Preparation Method	in vitro wheat germ expression system
Purification	Glutathione Sepharose 4 Fast Flow
Quality Control Testing	12.5% SDS-PAGE Stained with Coomassie Blue.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — CDKN1C

Entrez GeneID [1028](#)

GeneBank Accession# [NM_000076](#)

Protein Accession# [NP_000067](#)

Gene Name CDKN1C

Gene Alias BWCR, BWS, KIP2, WBS, p57

Gene Description cyclin-dependent kinase inhibitor 1C (p57, Kip2)

Omim ID [130650 600856](#)

Gene Ontology [Hyperlink](#)

Gene Summary The protein encoded by this gene 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 syndrome, 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]

Other Designations OTTHUMP00000011736|cyclin-dependent kinase inhibitor 1C

Pathway

- [Cell cycle](#)

Disease

- [Atherosclerosis](#)
- [Birth Weight](#)
- [Cleft Lip](#)
- [Cleft Palate](#)
- [Diabetes Mellitus](#)
- [Genetic Predisposition to Disease](#)
- [Lung Neoplasms](#)
- [Multiple endocrine neoplasia](#)
- [Multiple Endocrine Neoplasia Type 1](#)
- [Myocardial Infarction](#)
- [Neoplasms](#)
- [Ovarian cancer](#)
- [Ovarian Neoplasms](#)
- [Pulmonary Disease](#)
- [Urinary Bladder Neoplasms](#)
- [Werner syndrome](#)