

Recombinant Human CDKN2C

Catalog No: #GP11359

Package Size: #GP11359-1 100ug

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Description

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|-----------------------|---|
| Product Name | Recombinant Human CDKN2C |
| Brief Description | Recombinant Protein |
| Immunogen Description | Full length fusion protein |
| Target Name | cyclin-dependent kinase inhibitor 2C (p18, inhibits CDK4) |
| Other Names | p18; INK4C; p18-INK4C |
| Accession No. | Swissprot:P42773Gene Accession:BC000598 |
| Uniprot | P42773 |
| GeneID | 1031; |
| Storage | -20~-80°C, pH 7.6 PBS |

Background

The protein encoded by this gene is a member of the INK4 family of cyclin-dependent kinase inhibitors. This protein has been shown to interact with CDK4 or CDK6, and prevent the activation of the CDK kinases, thus function as a cell growth regulator that controls cell cycle G1 progression. Ectopic expression of this gene was shown to suppress the growth of human cells in a manner that appears to correlate with the presence of a wild-type RB1 function. Studies in the knockout mice suggested the roles of this gene in regulating spermatogenesis, as well as in suppressing tumorigenesis. Two alternatively spliced transcript variants of this gene, which encode an identical protein, have been reported

References

Note: For in vitro research use only, not for diagnostic or therapeutic use. This product is not a medical device.

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