

# Recombinant Human CDK6

Catalog No: #GP10280



Package Size: #GP10280-1 100ug

Orders: [order@signalwayantibody.com](mailto:order@signalwayantibody.com)Support: [tech@signalwayantibody.com](mailto:tech@signalwayantibody.com)

## Description

Product Name	Recombinant Human CDK6
Brief Description	Recombinant Protein
Immunogen Description	Fusion protein corresponding to a region derived from 13-300 amino acids of human Cyclin-dependent kinase 6
Target Name	Cyclin-dependent kinase 6
Other Names	PLSTIRE
Accession No.	Swissprot:Q00534Gene Accession:BC052264
Uniprot	Q00534
GenID	1021;
Storage	-20~-80°C, pH 7.6 PBS

## Background

The protein encoded by this gene is a member of the cyclin-dependent protein kinase (CDK) family. CDK family members are highly similar to the gene products of *Saccharomyces cerevisiae* *cdc28*, and *Schizosaccharomyces pombe* *cdc2*, and are known to be important regulators of cell cycle progression. This kinase is a catalytic subunit of the protein kinase complex that is important for cell cycle G1 phase progression and G1/S transition. The activity of this kinase first appears in mid-G1 phase, which is controlled by the regulatory subunits including D-type cyclins and members of INK4 family of CDK inhibitors. This kinase, as well as CDK4, has been shown to phosphorylate, and thus regulate the activity of, tumor suppressor protein Rb. Expression of this gene is up-regulated in some types of cancer. Multiple alternatively spliced variants, encoding the same protein, have been identified.

## 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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