

Recombinant Mouse Cdk6 Protein, MYC/DDK-tagged

Cat. No. Cdk6-867M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of full-length mouse cyclin-dependent kinase 6 (Cdk6), with C-terminal MYC/DDK tag, was expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	This gene encodes a member of the cyclin dependent kinase family of proteins that play important roles in the progression and regulation of the cell cycle. The encoded protein binds to a D-type cyclin to form an active kinase complex to regulate progression through the G1 phase of the cell cycle. Mice lacking the encoded protein exhibit thymic and splenic hypoplasia, and hematopoietic defects such as reduced number of megakaryocytes and erythrocytes. A pseudogene of this gene has been defined on chromosome 4.
Molecular Mass	37.5 kDa
Purity	>80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.
Concentration	>50 g/mL as determined by microplate BCA method

 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

Storage Buffer 25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

GENE INFORMATION

Gene Name Cdk6 cyclin-dependent kinase 6 [*Mus musculus* (house mouse)]

Official Symbol Cdk6

Synonyms Cdk6; cyclin-dependent kinase 6; Crk2; AI504062; cyclin-dependent kinase 6; CR2 protein kinase; cell division protein kinase 6; serine/threonine-protein kinase PLSTIRE; EC 2.7.11.22

Gene ID 12571

mRNA Refseq NM_009873

Protein Refseq NP_034003

UniProt ID Q64261

 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