

Recombinant Mouse Cdk2ap2 Protein, Myc/DDK-tagged

Cat. No. Cdk2ap2-2089M Lot. No. (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length CDK2-associated protein 2 (Cdk2ap2), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Plays a role in regulating the self-renewal of embryonic stem cells (ESCs) and in maintaining cell survival during terminal differentiation of ESCs. Regulates microtubule organization of metaphase II oocytes. Inhibits cell cycle G1/S phase transition by repressing CDK2 expression and activation; represses CDK2 activation by inhibiting its interaction with cyclin E and A.
Molecular Mass	13.2 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 µg/mL as determined by microplate BCA method
Storage Buffer	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

 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

GENE INFORMATION

Gene Name	Cdk2ap2 CDK2-associated protein 2 [Mus musculus (house mouse)]
Official Symbol	Cdk2ap2
Synonyms	CDK2AP2; CDK2-associated protein 2; cyclin-dependent kinase 2-associated protein 2; DOC-1 related protein; DOC-1-related protein; Doc-1r; D19Erttd144e; 5830466O21Rik
Gene ID	52004
mRNA Refseq	NM_026373
Protein Refseq	NP_080649
UniProt ID	Q9CPY4

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