

Product datasheet for **TP500841**

Rgcc (NM_025427) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse regulator of cell cycle (Rgcc), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR200841 representing NM_025427 Red =Cloning site Green =Tags(s)
	 MKPPSAQSSPAAVAAAAPAMDSAAAADLTDVLCFEFADVLADFASPFHERHFHYEEHLERMKRRSSASVSD SSGFSDSESADSVYRDSFTFSDEKLNSTNSSPALLPSAVTPRKAKLGDTKLEDFIADLDRTLASM TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-MYC/DDK
Predicted MW:	15.2 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C after receiving vials.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	<u>NP_079703</u>
Locus ID:	66214
UniProt ID:	<u>Q9DBX1</u>
RefSeq Size:	934
Cytogenetics:	14 D3
RefSeq ORF:	411



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Synonyms: 1190002H23Rik; Rgc-32; Rgc32

Summary: Modulates the activity of cell cycle-specific kinases. Enhances CDK1 activity. May contribute to the regulation of the cell cycle. May inhibit growth of glioma cells by promoting arrest of mitotic progression at the G2/M transition. Fibrogenic factor contributing to the pathogenesis of renal fibrosis through fibroblast activation.[UniProtKB/Swiss-Prot Function]