



# Recombinant Rat Serine/threonine-protein phosphatase 2A 55 kDa regulatory subunit B gamma isoform (Ppp2r2c)

<b>Product Code</b>	CSB-EP018566RA-B
<b>Storage</b>	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
<b>Uniprot No.</b>	P97888
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Rattus norvegicus (Rat)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	MGEDTDTRKI NHSFLRDHSY VTEADVISTV EFNHTGELLA TGDKGGRVVI FQREPESKNA PHSQGEYDVY STFQSHEPEF DYLSLEIEE KINKIKWLPQ QNAAHSLST NDKTIKLWKI TERDKRPEGY NLKDEEGKLG DLSTVTSLQV PVLKPMMLV EVSPRRIFAN GHTYHINSIS VNSDCETYMS ADDLRINLWH LAITDRSFNI VDIKPANMED LTEVITASEF HPHHCNLFVY SSSKGSLRLC DMRAAALCDK HSKLFEED PED PSNRSFFSEI ISSVSDVKFS HSGRYMLTRD YLTVKVWDLN MEARPIETYQ VHDYLRSLKLC SLYESDCIFD KFECAWNGSD SVIMTGAYNN FFRMFDRNTK RDVTLEASRE SSKPRAVLKP RRVCVGGKRR RDDISVDSL D FTKKILHTAW HPAENIIAIA ATNNLYIFQD KVNSDMH
<b>Source</b>	E.coli
<b>Target Names</b>	Ppp2r2c
<b>Protein Names</b>	Recommended name: Serine/threonine-protein phosphatase 2A 55 kDa regulatory subunit B gamma isoform Alternative name(s): PP2A subunit B isoform B55-gamma PP2A subunit B isoform BRgamma PP2A subunit B isoform PR55-gamma PP2A subunit B i
<b>Expression Region</b>	1-447
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	Tag type will be determined during the manufacturing process.
<b>Protein Length</b>	full length protein
<b>Target Details</b>	The product of this gene belongs to the phosphatase 2 regulatory subunit B family. Protein phosphatase 2 is one of the four major Ser/Thr phosphatases, and it is implicated in the negative control of cell growth and division. It consists of a common heteromeric core enzyme, which is composed of a catalytic subunit and a constant regulatory subunit, that associates with a variety of regulatory subunits. The B regulatory subunit might modulate substrate selectivity and catalytic activity. This gene encodes a gamma isoform of the regulatory subunit B55 subfamily. Alternatively spliced transcript variants encoding different isoforms have been identified.



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**Reconstitution**

We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

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**Shelf Life**

The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself.

Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.