

## Recombinant Rat Cap1 Protein, His/GST-tagged

Cat. No. Cap1-447R Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Rat Cap1(Ser124~His342) fused with His tag at N-terminal was expressed in E. coli.
<b>Species</b>	Rat
<b>Source</b>	E.coli
<b>ProteinLength</b>	Ser124~His342
<b>Description</b>	associated with the S. cerevisia adenylyl cyclase-associated protein (CAP); may be involved in the cyclic AMP signalling pathway
<b>Form</b>	PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.
<b>Molecular Mass</b>	50.8kDa
<b>Endotoxin</b>	<1.0EU per 1g (determined by the LAL method)
<b>Purity</b>	> 98%
<b>Applications</b>	Positive Control; Immunogen; SDS-PAGE; WB. If bio-activity of the protein is needed, please check active protein.
<b>Stability</b>	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for

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48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

**Storage**

Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.

**Reconstitution**

Reconstitute in PBS or others.

**GENE INFORMATION****Gene Name**

Cap1 CAP, adenylate cyclase-associated protein 1 (yeast) [ *Rattus norvegicus* ]

**Official Symbol**

Cap1

**Synonyms**

CAP1; CAP, adenylate cyclase-associated protein 1 (yeast); adenylyl cyclase-associated protein 1; CAP 1; cyclase-associated protein homologue; Mch1; MGC108691;

**Gene ID**

64185

**mRNA Refseq**

NM\_022383

**Protein Refseq**

NP\_071778

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