

Recombinant Rat Cap1 Protein, His/GST-tagged

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

SPECIFICATION

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