

Recombinant Rat Calm1 protein, His-tagged

Cat. No. Calm1-7971R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Calm1 aa. (Met1~Lys149) fused with N-terminal His tag was produced in E. coli cells.
Species	Rat
Source	E.coli
ProteinLength	Met1~Lys149
Description	May mediate calcium-dependent modulation of KCNQ channels; exists in two alternative splice forms.
Form	Freeze-dried powder
Molecular Mass	18.08 kDa as determined by SDS-PAGE reducing conditions.
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Purity	>97%
Applications	SDS-PAGE; WB; ELISA; IP
Stability	The thermal stability is described by the loss rate of the target protein. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed.

 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

(Referring from China Biological Products Standard, which was calculated by the Arrhenius equation.) The loss of this protein is less than 5% within the expiration date under appropriate storage condition.

Storage

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

Storage Buffer

Supplied as lyophilized form in PBS, pH 7.4.

Reconstitution

Reconstitute in PBS.

GENE INFORMATION

Gene Name

[Calm1 calmodulin 1 \[Rattus norvegicus \(Norway rat\) \]](#)

Official Symbol

[Calm1](#)

Synonyms

Calm1; calmodulin 1; CaM1; Calm; Cam1; calmodulin-1; Calmodulin 1 (phosphorylase kinase, delta); caM; calmodulin I

Gene ID

[24242](#)

mRNA Refseq

[NM_031969.2](#)

Protein Refseq

[NP_114175.1](#)

UniProt ID

[P0DP29](#)

 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