

## Recombinant Rat Guca2b Protein, His-tagged

Cat. No. Guca2b-1607R Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Rat Guca2b Protein (Val22-Cys106) with N-His tag was expressed in E. coli.
<b>Species</b>	Rat
<b>Source</b>	E.coli
<b>ProteinLength</b>	Val22-Cys106
<b>Description</b>	Predicted to enable guanylate cyclase activator activity. Involved in cGMP-mediated signaling. Predicted to be located in photoreceptor outer segment. Orthologous to human GUCA2B (guanylate cyclase activator 2B).
<b>Form</b>	Freeze-dried powder
<b>Molecular Mass</b>	Predicted Molecular Mass: 13.1 kDa Accurate Molecular Mass: 13 kDa
<b>Purity</b>	> 90%
<b>Applications</b>	Positive Control; Immunogen; SDS-PAGE; WB.
<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 48h, and no obvious degradation and precipitation were observed. The loss rate is

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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.

**Storage Buffer**

PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.

**Reconstitution**

Reconstitute in PBS or others.

## GENE INFORMATION

**Gene Name**

[Guca2b guanylate cyclase activator 2B \[ Rattus norvegicus \(Norway rat\) \]](#)

**Official Symbol**

[Guca2b](#)

**Synonyms**

GUCA2B; guanylate cyclase activator 2B; uroguanylin; guanylate cyclase activator 2b (retina);

**Gene ID**

[64055](#)

**mRNA Refseq**

[NM\\_022284](#)

**Protein Refseq**

[NP\\_071620](#)

**UniProt ID**

[P70668](#)

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