

Recombinant Rat Guca2b Protein, His-tagged

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

SPECIFICATION

Product Overview	Recombinant Rat Guca2b Protein (Val22-Cys106) with N-His tag was expressed in E. coli.
Species	Rat
Source	E.coli
ProteinLength	Val22-Cys106
Description	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).
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 13.1 kDa Accurate Molecular Mass: 13 kDa
Purity	> 90%
Applications	Positive Control; Immunogen; SDS-PAGE; WB.
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 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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