

Recombinant Rat Gjb3 protein, His & GST-tagged

Cat. No. Gjb3-7000R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Gjb3 aa. (Val84~Val174) fused with N-terminal His & GST tag was produced in E. coli cells.
Species	Rat
Source	E.coli
ProteinLength	Val84~Val174
Description	May play a role in hearing.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 42.7kDa
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Purity	>95%
Characteristic	The isoelectric point is 7.3.
Applications	SDS-PAGE; WB; ELISA; IP
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°C for 48h,

 Tel: 1-631-559-9269 1-516-512-3133

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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°C for one month. Aliquot and store at -80°C for 12 months.

Storage buffer

Supplied as lyophilized form in PBS, pH7.4, containing 5% sucrose, 0.01% sarcosyl.

Reconstitution

Reconstitute in sterile PBS, pH7.2-pH7.4.

GENE INFORMATION**Gene Name**

Gjb3 gap junction protein, beta 3 [*Rattus norvegicus* (Norway rat)]

Official Symbol

Gjb3

Synonyms

Gjb3; gap junction protein, beta 3; gap junction beta-3 protein; connexin-31; cx31; gap junction membrane channel protein beta 3

Gene ID

29585

mRNA Refseq

NM_019240.1

Protein Refseq

NP_062113.1

UniProt ID

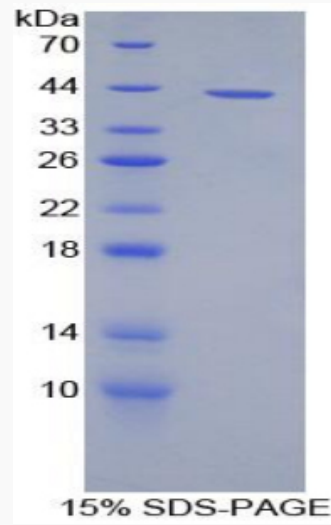
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SDS-PAGE



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