

Recombinant Mouse Gjb3 protein, His & GST-tagged

Cat. No. Gjb3-6999M Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Gjb3 aa. (Arg213~Ile270 (Accession # P28231)) fused with N-terminal His & GST tag was produced in E. coli cells.
Species	Mouse
Source	E.coli
ProteinLength	Arg213~Ile270
Form	Freeze-dried powder
Molecular Mass	33 kDa as determined by SDS-PAGE reducing conditions.
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Purity	>95%
Characteristic	The isoelectric point is 8.1.
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, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

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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 liquid form in Phosphate buffered saline(PBS), pH 7.4.
Reconstitution	Reconstitute in sterile PBS, pH7.2-pH7.4.

GENE INFORMATION

Gene Name	Gjb3 gap junction protein, beta 3 [<i>Mus musculus</i> (house mouse)]
Official Symbol	Gjb3
Synonyms	Gjb3; gap junction protein, beta 3; Cx31; Cnx31; Gjb-3; D4Wsu144e; gap junction beta-3 protein; connexin-31; gap junction membrane channel protein beta 3
Gene ID	14620
mRNA Refseq	NM_001160012.1
Protein Refseq	NP_001153484.1
UniProt ID	P28231

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