

Recombinant Mouse Gja4 protein, His & GST-tagged

Cat. No. Gja4-6997M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Gja4 aa. (Thr19~Asp245 (Accession # P28235)) fused with N-terminal His & GST tag was produced in E. coli cells.
Species	Mouse
Source	E.coli
ProteinLength	Thr19~Asp245
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 56.0kDa
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Purity	>90%
Characteristic	The isoelectric point is 8.4.
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 lyophilized form in PBS, pH7.4, containing 5% trehalose, 0.01% sarcosyl.
Reconstitution	Reconstitute in sterile PBS, pH7.2-pH7.4.

GENE INFORMATION

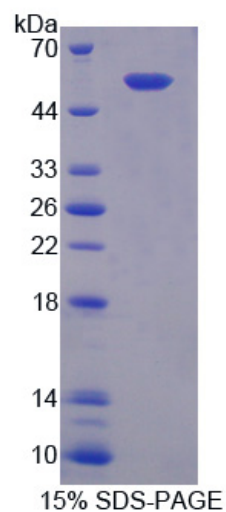
Gene Name	Gja4 gap junction protein, alpha 4 [Mus musculus (house mouse)]
Official Symbol	Gja4
Synonyms	Gja4; gap junction protein, alpha 4; Cx37; Cnx37; Gja-4; AU020209; AW558810; gap junction alpha-4 protein; connexin-37; gap junction membrane channel protein alpha 4
Gene ID	14612
mRNA Refseq	NM_008120.3
Protein Refseq	NP_032146.1
UniProt ID	P28235

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SDS-PAGE



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