Recombinant Mouse Gja1 Protein, His-tagged

Cat. No. Gja1-351M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Gja1(Ser180~Ile382) fused with His tag at N-terminal was expressed in E. coli.
Species	Mouse
Source	E.coli
ProteinLength	Ser180~Ile382
Description	Gja1 played an important role in many functions.
Form	PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.
Molecular Mass	26.02kDa
Identity	Reconstitute in PBS or others
Endotoxin	<1.0EU per 1μg (determined by the LAL method)
Purity	> 95%
Applications	Positive Control; Immunogen; SDS-PAGE; WB. If bio-activity of the protein is needed, please check active protein
Stability	The thermal stability is described by the loss rate. The loss rate was determined by

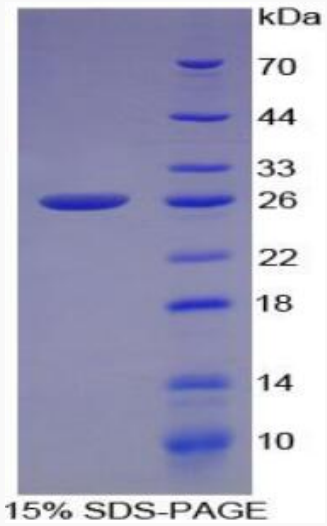
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	accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.
Reconstitution	Reconstitute in PBS or others

GENE INFORMATION

Gene Name	Gja1 gap junction protein, alpha 1 [Mus musculus]
Official Symbol	Gja1
Synonyms	GJA1; gap junction protein, alpha 1; gap junction alpha-1 protein; connexin 43; connexin-43; alpha 1 connexin; gap junction 43 kDa heart protein; gap junction membrane channel protein alpha 1; Cx43; Npm1; Cnx43; Gja-1; AU042049; AW546267; Cx43alpha1; connexin43;
Gene ID	14609
mRNA Refseq	NM_010288
Protein Refseq	NP_034418
UniProt ID	P23242

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15% SDS-PAGE

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