

Recombinant Mouse GJA1 protein, His-tagged

Cat. No. GJA1-893M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse GJA1 protein is produced by E. coli expression system. This protein is fused with a His tag at the N-terminal.
Species	Mouse
Source	E.coli
ProteinLength	Ser180-Ile382
Form	20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose and Proclin300.
Molecular Mass	26 kDa
AA Sequence	SLSAVYTCKRDPCPHQVDCFLSRPTEKTIFIIFMLVVSLVSLALNIIELFYVFFKGVKDR VKGRSDPYHATTGPLSPSKDCGSPKYAYFNGCSSPTAPLSPMSPPGYKLVTGDRN NSSCRNYNKQASEQNWANYSAEQNRMGQAGSTISNSHAQPFDFPDDSQNAKKVA AGHELQPLAIVDQRPSSRASSRASSRPRPDDLEI
Endotoxin	<1.0EU per 1g (determined by the LAL method)
Purity	> 97%
Applications	Positive Control; Immunogen; SDS-PAGE; WB.

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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 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 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0 mg/mL. Do not vortex.

GENE INFORMATION

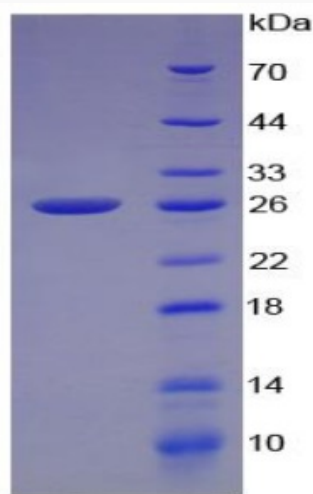
Gene Name	Gja1 gap junction protein, alpha 1 [Mus musculus]
Official Symbol	GJA1
Synonyms	GJA1; gap junction protein, alpha 1; connexin 43; connexin-43; alpha 1 connexin; Cx43; Npm1; Cnx43; Gja-1; AU042049; AW546267; Cx43alpha1; connexin43;
Gene ID	14609
mRNA Refseq	NM_010288
Protein Refseq	NP_034418

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GJA1-893M, 1



15% SDS-PAGE

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