

Recombinant Mouse Gja1 protein, His&Myc-tagged

Cat. No. Gja1-2222M Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Gja1 protein(P23242)(232-382aa), fused to N-terminal His tag and C-terminal Myc tag, was expressed in Insect Cell.
Species	Mouse
Source	Insect Cells
ProteinLength	232-382aa
Form	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.
Molecular Mass	20.3 kDa
AA Sequence	FFKGVKDRVKGRSDPYHATTGPLSPSKDCGSPKYAYFNGCSSPTAPLSPMSPPGY KLVTGDRNNSSCRNYNKQASEQNWANYSAEQNRMGQAGSTISNSHAQPFDFPDD SQNAKKVAAGHELQPLAIVDQRPSSRASSRASSRPRPDDLEI
Purity	Greater than 85% as determined by SDS-PAGE.
Storage	Store at -20°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.

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Reconstitution

Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

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](#)

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