

Recombinant Human GJA1 protein, His-tagged

Cat. No. GJA1-2221H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human GJA1 protein(P17302)(233-382aa), fused to N-terminal His tag, was expressed in Insect Cell.
Species	Human
Source	Insect Cells
ProteinLength	233-382aa
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	18.8 kDa
AA Sequence	FKGVKDRVKGKSDPYHATSGALSPAKDCGSQKYAYFNGCSSPTAPLSPMSPPGYK LVTGDRNNSSCRNYNKQASEQNWANYSAEQNRMGQAGSTISNSHAQPFDFPDDN QNSKKLAAGHELQPLAIVDQRPSSRASSRASSRPRPDDLEI
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, 43kDa \[Homo sapiens \]](#)

Official Symbol [GJA1](#)

Synonyms GJA1; gap junction protein, alpha 1, 43kDa; gap junction protein, alpha 1, 43kDa (connexin 43) , gap junction protein, alpha like , GJAL, ODDD; gap junction alpha-1 protein; connexin 43; CX43; oculodentodigital dysplasia (syndactyly type III); ODD; ODOB; SDTY3; connexin-43; gap junction 43 kDa heart protein; HSS; GJAL; ODDD; AVSD3; HLHS1; DFNB38;

Gene ID [2697](#)

mRNA Refseq [NM_000165](#)

Protein Refseq [NP_000156](#)

MIM [121014](#)

UniProt ID [P17302](#)

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