

Recombinant Human GJA1 Protein, His-tagged

Cat. No. GJA1-15H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human GJA1 Protein(P17302)(1-382 aa), fused with C-terminal His tag, was expressed in Mammalian cells.
Species	Human
Source	Mammalian cells
ProteinLength	1-382 aa
Form	Lyophilized from a 0.2 µm filtered PBS, 6% Trehalose, pH 7.4.
Molecular Mass	44.4 kDa
AASequence	MGDWSALGKLLDKVQAYSTAGGKVWLSVLFIFRILLGLTAVESAWGDEQSAFRCNT QQPGCENVCYDKSFPISHVRFWVLQIIFVSVPTLLYLAHVIFYVMRKEEKLNKKEEELK VAQTDGVNVDMHLKQIEIKKFYGIIEHGKVKMRGGLLRITYIISILFKSIFEVAFLLIQW YIYGFSLSAVYTCKRDPCHQVDCFLSRPTEKTIFIIFMLVVSLVSLALNIIELFYVFFKG VKDRVKGKSDPYHATSGALSPAKDCGSQKYAYFNGCSSPTAPLSPMSPPGYKLVT GDRNNSSCRNYNKQASEQNWANYSAEQNRMGQAGSTISNSHAQPFDFPDDNQNS KKLAAGHELQPLAIVDQRPSSRASSRASSRPRPDDLEI
Purity	Greater than 95% as determined by SEC-HPLC.
Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.

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Reconstitution

We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. Aliquot for long-term storage at -80°C.

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; DFN38;

Gene ID [2697](#)

mRNA Refseq [NM_000165](#)

Protein Refseq [NP_000156](#)

MIM [121014](#)

UniProt ID [P17302](#)

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SDS-PAGE

250KDa→
130KDa→
100KDa→
70KDa→
55KDa→
35KDa→
25KDa→
15KDa→
10KDa→



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