

Recombinant Human GJB5 cell lysate

Cat. No. GJB5-707HCL Lot. No. (See product label)

SPECIFICATION

Species	Human
Description	Gap junctions are conduits that allow the direct cell-to-cell passage of small cytoplasmic molecules, including ions, metabolic intermediates, and second messengers, and thereby mediate intercellular metabolic and electrical communication. Gap junction channels consist of connexin protein subunits, which are encoded by a multigene family.
Size	100 ul
Storage Buffer	1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)
Applications	Western Blot;

GENE INFORMATION

Gene Name	GJB5 gap junction protein, beta 5, 31.1kDa [Homo sapiens]
Official Symbol	GJB5
Synonyms	GJB5; gap junction protein, beta 5, 31.1kDa; gap junction protein, beta 5 , gap junction protein, beta 5 (connexin 31.1); gap junction beta-5 protein; connexin 31.1; CX31.1; connexin-31.1; gap junction protein, beta 5 (connexin 31.1);

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Gene ID	2709
mRNA Refseq	NM_005268
Protein Refseq	NP_005259
MIM	604493
UniProt ID	O95377
Chromosome Location	1p34.3
Pathway	Calcium Regulation in the Cardiac Cell, organism-specific biosystem; Gap junction assembly, organism-specific biosystem; Gap junction trafficking, organism-specific biosystem; Gap junction trafficking and regulation, organism-specific biosystem; Membrane Trafficking, organism-specific biosystem;

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