

## Recombinant Human GJB2 lysate

Cat. No. GJB2-293HCL Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Over-expression cells lysed in RIPA buffer and lysate supplied in SDS loading buffer
<b>Species</b>	Human
<b>Source</b>	HEK293
<b>Molecular Mass</b>	29568.49Da
<b>Recommended Usage</b>	WB
<b>Storage Instruction</b>	Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

### GENE INFORMATION

<b>Gene Name</b>	GJB2 gap junction protein, beta 2, 26kDa [ Homo sapiens ]
<b>Official Symbol</b>	GJB2
<b>Synonyms</b>	GJB2; gap junction protein, beta 2, 26kDa; DFNA3, DFNB1, gap junction protein, beta 2, 26kD (connexin 26) , gap junction protein, beta 2, 26kDa (connexin 26); gap junction beta-2 protein; connexin 26; CX26; NSRD1; HID; KID; PPK; DFNA3; DFNB1; DFNA3A; DFNB1A;
<b>Gene ID</b>	2706

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<b>mRNA Refseq</b>	NM_004004
<b>Protein Refseq</b>	NP_003995
<b>MIM</b>	121011
<b>UniProt ID</b>	P29033
<b>Chromosome Location</b>	13q11-q12
<b>Pathway</b>	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; Oligomerization of connexins into connexons, organism-specific biosystem; Transport of connexins along the secretory pathway, organism-specific biosystem;
<b>Function</b>	gap junction channel activity;

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