

## Recombinant Human GJB4, GST-tagged

**Cat. No.** GJB4-13279H    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                   |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human GJB4 protein, fused to GST-tag, was expressed in E.coli and purified by GSH-sepharose.                                                          |
| <b>Species</b>          | Human                                                                                                                                                             |
| <b>Source</b>           | E.coli                                                                                                                                                            |
| <b>ProteinLength</b>    | C-term-67a.a.                                                                                                                                                     |
| <b>Storage</b>          | The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.                                                                         |
| <b>Storage Buffer</b>   | 1M PBS (58mM Na <sub>2</sub> HPO <sub>4</sub> , 17mM NaH <sub>2</sub> PO <sub>4</sub> , 68mM NaCl, pH8. ) added with 100mM GSH and 1% Triton X-100, 15% glycerol. |

### GENE INFORMATION

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|------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Gene Name</b>       | GJB4 gap junction protein, beta 4, 30.3kDa [ Homo sapiens ]                                                                                                                                                 |
| <b>Official Symbol</b> | GJB4                                                                                                                                                                                                        |
| <b>Synonyms</b>        | GJB4; gap junction protein, beta 4, 30.3kDa; gap junction protein, beta 4 , gap junction protein, beta 4 (connexin 30.3); gap junction beta-4 protein; connexin 30.3; CX30.3; connexin-30.3; EKV; MGC21116; |

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|----------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Gene ID</b>             | 127534                                                                                                                                                                                                                                                                                                   |
| <b>mRNA Refseq</b>         | NM_153212                                                                                                                                                                                                                                                                                                |
| <b>Protein Refseq</b>      | NP_694944                                                                                                                                                                                                                                                                                                |
| <b>MIM</b>                 | 605425                                                                                                                                                                                                                                                                                                   |
| <b>UniProt ID</b>          | Q9NTQ9                                                                                                                                                                                                                                                                                                   |
| <b>Chromosome Location</b> | 1p35-p34                                                                                                                                                                                                                                                                                                 |
| <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; |
| <b>Function</b>            | gap junction channel activity;                                                                                                                                                                                                                                                                           |