# Recombinant Human GJB4 Protein, GST-tagged

**Cat. No.** GJB4-4931H **Lot. No.** (See product label)

## SPECIFICATION

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| **Product Overview** | Human GJB4 full-length ORF ( AAH34709, 1 a.a. - 266 a.a.) recombinant protein with GST-tag at N-terminal. |
| **Species** | Human |
| **Source** | Wheat Germ |
| **Description** | This gene encodes a transmembrane connexin protein that is a component of gap junctions. Mutations in this gene have been associated with erythrokeratodermia variabilis, progressive symmetric erythrokeratoderma and hearing impairment. [provided by RefSeq, Dec 2009] |
| **Molecular Mass** | 55.00 kDa |
| **AA Sequence** | MNWAFLQGLLSGVNKYSTVLSRIWLSVVFIFRVLVYVVAAEEVWDDEQKDFVCNTK QPGCPNVCYDEFFPVSHVRLWALQLILVTCPSLLVVMHVAYREERERKHHLKHGPN APSLYDNLSKKRGGLWWTYLLSLIFKAAVDAGFLYIFHRLYKDYDMPRVVACSVEPC PHTVDCYISRPTEKKVFTYFMVTTAAICILLNLSEVFYLVGKRCMEIFGPRHRRPRCR ECLPDTCPPYVLSQGGHPEDGNSVLMKAGSAPVDAGGYP |
| **Applications** | Enzyme-linked Immunoabsorbent Assay<br>Western Blot (Recombinant protein)<br>Antibody Production<br>Protein Array |

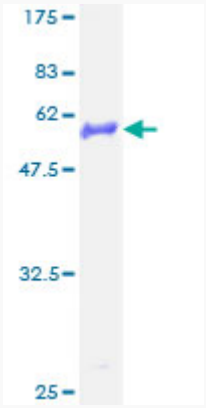
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| **Notes** | Best use within three months from the date of receipt of this protein. |
| **Storage** | Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing. |
| **Storage Buffer** | 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer. |

## GENE INFORMATION

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| **Gene Name** | GJB4 gap junction protein, beta 4, 30.3kDa [ Homo sapiens ] |
| **Official Symbol** | GJB4 |
| **Synonyms** | 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; |
| **Gene ID** | 127534 |
| **mRNA Refseq** | NM_153212 |
| **Protein Refseq** | NP_694944 |
| **MIM** | 605425 |
| **UniProt ID** | Q9NTQ9 |

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| **Quality Control Testing** | <br>12.5% SDS-PAGE Stained with Coomassie Blue. |

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