# Recombinant Rat Gja1 Protein, His-tagged

**Cat. No.** Gja1-352R **Lot. No.** (See product label)

## SPECIFICATION

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| **Product Overview** | Recombinant Rat Gja1(Ser180~Ile382) fused with His tag at N-terminal was expressed in E. coli. |
| **Species** | Rat |
| **Source** | E.coli |
| **ProteinLength** | Ser180~Ile382 |
| **Description** | Gja1 played an important role in many functions. |
| **Form** | 20mM Tris, 150mM NaCl,pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose and Proclin300. |
| **Molecular Mass** | 26.05kDa |
| **Identity** | Reconstitute in PBS or others |
| **Endotoxin** | <1.0EU per 1μg (determined by the LAL method) |
| **Purity** | > 95% |
| **Applications** | Positive Control; Immunogen; SDS-PAGE; WB.<br>If bio-activity of the protein is needed, please check active protein |

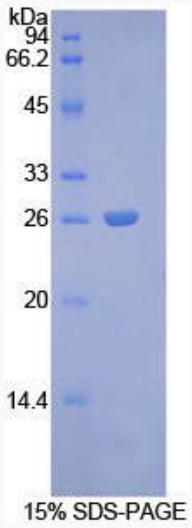
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| **Stability** | The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition. |
| **Storage** | Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months. |
| **Reconstitution** | Reconstitute in PBS or others |

## GENE INFORMATION

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| **Gene Name** | Gja1 gap junction protein, alpha 1 [ Rattus norvegicus ] |
| **Official Symbol** | Gja1 |
| **Synonyms** | GJA1; gap junction protein, alpha 1; gap junction alpha-1 protein; connexin 43; connexin-43; gap junction 43 kDa heart protein; gap junction membrane channel protein alpha 1; Cx43; MGC93610; |
| **Gene ID** | 24392 |
| **mRNA Refseq** | NM_012567 |
| **Protein Refseq** | NP_036699 |
| **UniProt ID** | P08050 |

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15% SDS-PAGE

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