# Recombinant Rabbit C9 protein, His & T7-tagged

**Cat. No.** C9-1845R **Lot. No.** (See product label)

## SPECIFICATION

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| **Product Overview** | Recombinant Rabbit C9 aa. (Pro139~Lys519 (Accession # P48747)) fused with N-terminal His & T7 tag was produced in E. coli cells. |
| **Species** | Rabbit |
| **Source** | E.coli |
| **ProteinLength** | Pro139~Lys519 |
| **Form** | Freeze-dried powder |
| **Molecular Mass** | Predicted Molecular Mass: 47.7kDa. |
| **Endotoxin** | <1.0EU per 1ug (determined by the LAL method) |
| **Purity** | >95% |
| **Characteristic** | The isoelectric point is 8.7. |
| **Applications** | SDS-PAGE; WB; ELISA; IP. |
| **Stability** | The thermal stability is described by the loss rate of the target protein. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. (Referring from China Biological Products Standard, which was calculated by the |

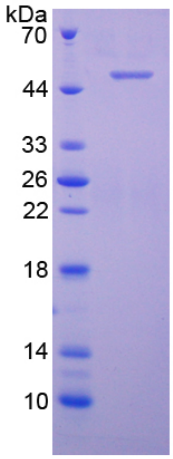
Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

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| | Arrhenius equation.) The loss of this protein is less than 5% within the expiration date under appropriate storage condition. |
| **Storage** | Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months. |
| **Storage Buffer** | Supplied as lyophilized form in PBS, pH7.4, containing 5% trehalose, 0.01% sarcosyl. |
| **Reconstitution** | Reconstitute in sterile PBS, pH7.2-pH7.4. |

## GENE INFORMATION

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| **Gene Name** | C9 complement C9 [ Oryctolagus cuniculus (rabbit) ] |
| **Official Symbol** | C9 |
| **Synonyms** | Tnni2; troponin I, skeletal, fast 2; troponin I, fast skeletal muscle; troponin I, fast-twitch isoform |
| **Gene ID** | 100009197 |
| **mRNA Refseq** | NM_001082346.1 |
| **Protein Refseq** | NP_001075815.1 |
| **UniProt ID** | P48747 |

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15% SDS-PAGE

SDS-PAGE

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