

# Recombinant Mouse Ly6e protein, His&Myc-tagged

**Cat. No.** Ly6e-4511M    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                       |
|-------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Mouse Ly6e protein(Q64253)(21-102aa), fused to N-terminal His tag and C-terminal Myc tag, was expressed in E. coli                                                                                                        |
| <b>Species</b>          | Mouse                                                                                                                                                                                                                                 |
| <b>Source</b>           | E.coli                                                                                                                                                                                                                                |
| <b>ProteinLength</b>    | 21-102aa                                                                                                                                                                                                                              |
| <b>Form</b>             | If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol.<br>If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0. |
| <b>Molecular Mass</b>   | 13.8 kDa                                                                                                                                                                                                                              |
| <b>AA Sequence</b>      | LMCFSCTDQKNNINCLWPVSCQEKDHYCITLSAAAGFGNVNLTGYNLKGCSPICPSE<br>NVNLTGYNLGVASVNSYCCQSSFCNFSA                                                                                                                                             |
| <b>Purity</b>           | Greater than 90% as determined by SDS-PAGE.                                                                                                                                                                                           |
| <b>Storage</b>          | Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.                                                                                                                        |
| <b>Reconstitution</b>   | Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0                                                                                                                                                  |

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mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%.

## GENE INFORMATION

|                 |                                                                                                                                                                 |
|-----------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Gene Name       | Ly6e lymphocyte antigen 6 complex, locus E [ Mus musculus ]                                                                                                     |
| Official Symbol | Ly6e                                                                                                                                                            |
| Synonyms        | LY6E; lymphocyte antigen 6 complex, locus E; lymphocyte antigen 6E; ly-6E; stem cell antigen 2; thymic shared antigen 1; 9804; Ly67; Tsa1; RIG-E; Sca-2; TSA-1; |
| Gene ID         | 17069                                                                                                                                                           |
| mRNA Refseq     | NM_001164036                                                                                                                                                    |
| Protein Refseq  | NP_001157508                                                                                                                                                    |

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