

Recombinant Mouse Ly6e Protein, His-tagged

Cat. No. Ly6e-1753M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Ly6e Protein (Leu21-Ser101) with N-His tag was expressed in E. coli.
Species	Mouse
Source	E.coli
ProteinLength	Leu21-Ser101
Description	Enables acetylcholine receptor binding activity and acetylcholine receptor inhibitor activity. Involved in negative regulation of viral entry into host cell. Acts upstream of or within several processes, including epinephrine secretion; norepinephrine metabolic process; and ventricular cardiac muscle tissue morphogenesis. Predicted to be located in membrane. Predicted to be active in plasma membrane. Predicted to be anchored component of membrane. Is expressed in several structures, including alimentary system; extraembryonic component; genitourinary system; immune system; and skeletal musculature. Orthologous to human LY6E (lymphocyte antigen 6 family member E).
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 12.5 kDa Accurate Molecular Mass: 13 kDa
Purity	> 90%

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Applications	Positive Control; Immunogen; SDS-PAGE; WB.
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.
Storage Buffer	PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.
Reconstitution	Reconstitute in PBS or others.

GENE INFORMATION

Gene Name	Ly6e lymphocyte antigen 6 complex, locus E [Mus musculus (house mouse)]
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
UniProt ID	Q64253

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