

Recombinant Rat Ly6e Protein, His&GST-tagged

Cat. No. Ly6e-1754R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Ly6e Protein (Leu27-Ser107) with N-His&GST tag was expressed in E. coli.
Species	Rat
Source	E.coli
ProteinLength	Leu27-Ser107
Description	Predicted to enable acetylcholine receptor binding activity and acetylcholine receptor inhibitor activity. Predicted to be involved in negative regulation of viral entry into host cell. Predicted to act upstream of or within several processes, including epinephrine secretion; norepinephrine metabolic process; and ventricular cardiac muscle tissue morphogenesis. Predicted to be located in synapse. Predicted to be integral component of membrane. Predicted to be active in plasma membrane. Predicted to be anchored component of membrane. Orthologous to human LY6E (lymphocyte antigen 6 family member E).
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 38.7 kDa Accurate Molecular Mass: 39 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 [<i>Rattus norvegicus</i> (Norway rat)]
Official Symbol	Ly6e
Synonyms	LY6E; lymphocyte antigen 6 complex, locus E;
Gene ID	362934
mRNA Refseq	NM_001017467
Protein Refseq	NP_001017467
UniProt ID	Q6AY73

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