

Recombinant Mouse Ly6e Protein, Fc-tagged

Cat. No. Ly6E-10975M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Mouse Ly6E Protein, Fc Tag is expressed from human 293 cells (HEK293). It contains AA Leu27-Ala108 (Accession # Q64253-1). This protein carries a human IgG1 Fc tag at the C-terminus. Predicted N-terminus: Leu27
Species	Mouse
Source	HEK293
ProteinLength	27-108 aa
Description	This gene belongs to the human Ly6 gene family and encodes a glycosylphosphatidyl-inositol (GPI)-anchored cell surface protein. The protein plays an important role in T cell physiology, oncogenesis and immunological regulation.
Form	Lyophilized from 0.22 µm filtered solution in PBS, pH7.4 with trehalose as protectant.
Molecular Mass	The protein has a calculated MW of 35.3 kDa. The protein migrates as 40-43 kDa when calibrated against Star Ribbon Pre-stained Protein Marker under reducing (R) condition (SDS-PAGE) due to glycosylation.
Endotoxin	Less than 1.0 EU/µg by the LAL method/rFC method.
Purity	>95% as determined by SDS-PAGE.
Storage	This product is stable after storage at: -20 to -70 centigrade for 12 months in

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lyophilized state; -70 centigrade for 3 months under sterile conditions after reconstitution. For long term storage, the product should be stored at lyophilized state at -20 centigrade or lower. Please avoid repeated freeze-thaw cycles.

Reconstitution

It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 µg/µL. Centrifuge the vial at 4 centigrade before opening to recover the entire contents.

GENE INFORMATION

Gene Name	Ly6e lymphocyte antigen 6 complex, locus E [<i>Mus musculus</i>]
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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