

Recombinant Human LY6E Protein, His-tagged

Cat. No. LY6E-2407H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human LY6E Protein (Leu21-Ser101) with a N-His tag was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Leu21-Ser101
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. The protein is also involved in modulation of viral infection by coronaviruses, SARS-CoV, MERS-CoV and SARS-CoV-2.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 12.2 kDa Accurate Molecular Mass: 12 kDa
Endotoxin	<1.0 EU per 1g (determined by the LAL method).
Purity	> 90%
Applications	Positive Control; Immunogen; SDS-PAGE; WB.

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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 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0 mg/mL. Do not vortex.

GENE INFORMATION

Gene Name	LY6E lymphocyte antigen 6 complex, locus E [Homo sapiens (human)]
Official Symbol	LY6E
Synonyms	LY6E; lymphocyte antigen 6 complex, locus E; lymphocyte antigen 6E; retinoic acid induced gene E; RIG E; SCA 2; TSA 1; ly-6E; stem cell antigen 2; thymic shared antigen 1; retinoic acid-induced gene E protein; RIGE; SCA2; RIG-E; SCA-2; TSA-1;
Gene ID	4061
mRNA Refseq	NM_001127213
Protein Refseq	NP_001120685
MIM	601384

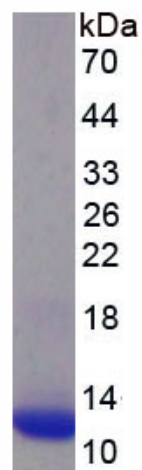
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UniProt ID

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