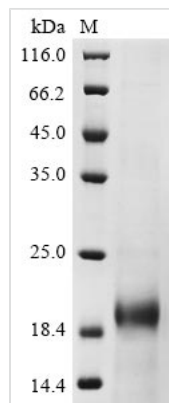




Recombinant Mouse Lymphocyte antigen 6A-2/6E-1 (Ly6a)

Product Code	CSB-EP356543MO
Abbreviation	Recombinant Mouse Ly6a protein
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
Uniprot No.	P05533
Form	Liquid or Lyophilized powder
Storage Buffer	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose.
Product Type	Recombinant Protein
Immunogen Species	Mus musculus (Mouse)
Purity	Greater than 90% as determined by SDS-PAGE.
Sequence	LECYQCYGVVPFETSCPSITCPYPDGVCVTQEAAVIVDSQTRKVKNLCLPICPP NIESMEILGTKVNVKTSCCQEDLCNVAVPNGG
Research Area	Cardiovascular
Source	E.coli
Target Names	Ly6a
Expression Region	27-112aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	N-terminal 10xHis-tagged and C-terminal Myc-tagged
Mol. Weight	16.7 kDa
Protein Length	Full Length of Mature Protein
Image	



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

Description

The recombinant Mouse Ly6a protein expression involves transfecting e.coli cells with a DNA expression vector containing the gene encoding the recombinant protein of interest (27-112aa) and then culturing the cells so that they express the desired protein. The protein features a N-terminal 10xHis tag and C-terminal Myc tag fusion. The recombinant Mouse Ly6a protein is collected and purified from the cell lysate through affinity purification. Its purity is greater than 90%, as measured by SDS-PAGE.

Reconstitution

We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 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%. Customers could use it as reference.

Shelf Life

The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.